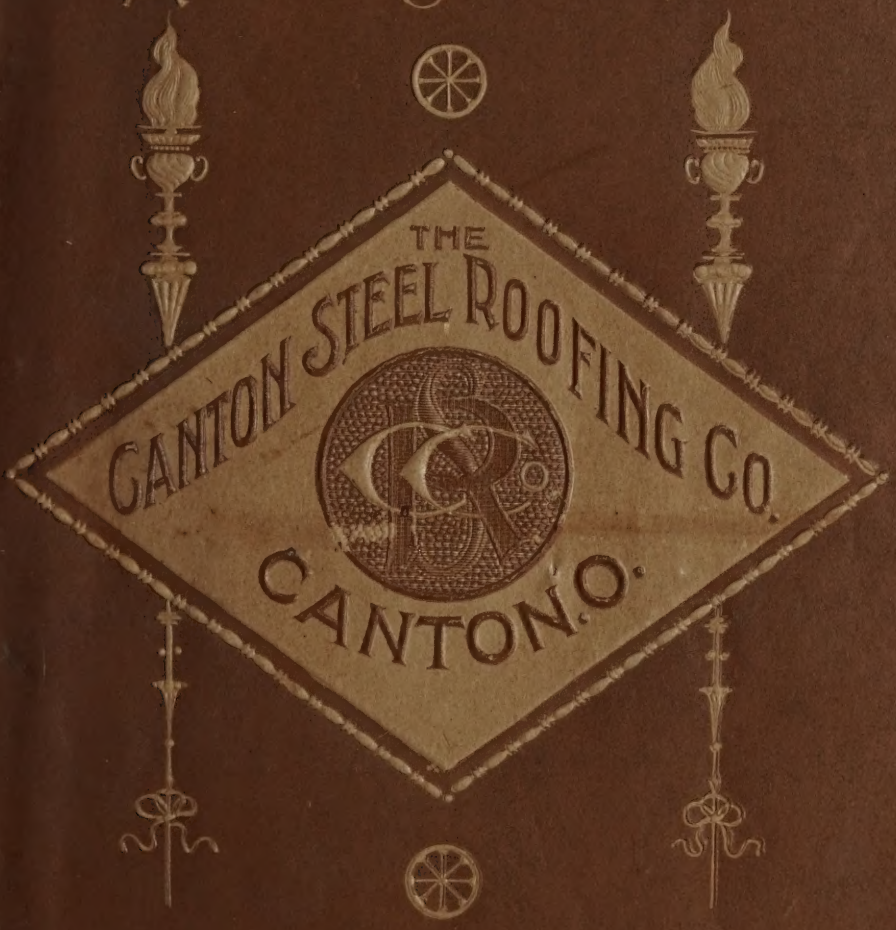
TWENTIETH

ANNUAL CATALOGUE



SUPERSEDING ALL OTHERS

1896

THE

CANTON STEEL ROOFING CO.

CANTON, O.

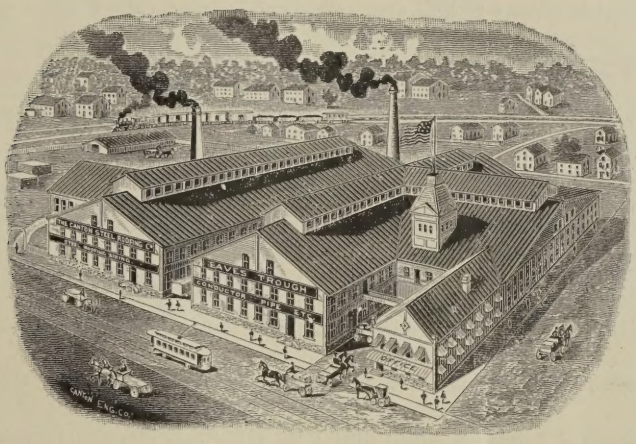
INCORPORATED.

CAPITAL, $150,000.00.

T. C. SNYDER, Prest. and Gen'l Mgr.

F. HERBRUCK, Vice Prest. C. H. SCHLABACH, Sec'y and Treas.

T. C. BELDING, Superintendent.



To The Trade.

We begin our 20th year with greater and better facilities than ever before for furnishing a complete line of Sheet Metal Goods of all kinds, including many new and improved styles, all of best quality, design and workmanship.

Soliciting a liberal patronage,

Respectfully,

THE CANTON STEEL ROOFING CO.,

CANTON, OHIO.

PLEASE DESTROY ALL PREVIOUS CATALOGUES FROM US

See Index to Contents.

Terms.

To Parties Known to be Responsible and Prompt—Net Cash in 30 days, or 2 per cent. off if cash is paid within 10 days from date of invoice.

To Parties Not Known to be Responsible and Prompt—Cash on presentation of sight draft with bill of lading attached on arrival of goods. On shipments made this way, the buyer always secures the cash discount.

All claims against invoices must be made on receipt of goods.

Remittances are requested to be made in New York Draft, Express or Money Order, to save us the expense of exchange on personal checks.

All accounts subject to sight draft after maturity. Overdue accounts subject to 8 per cent. interest.

Telegrams must positively be prepaid.

Use our telegraph code, back part of book.

All contracts subject to strikes, accidents, delays in transit or other causes beyond our control.

Notice.

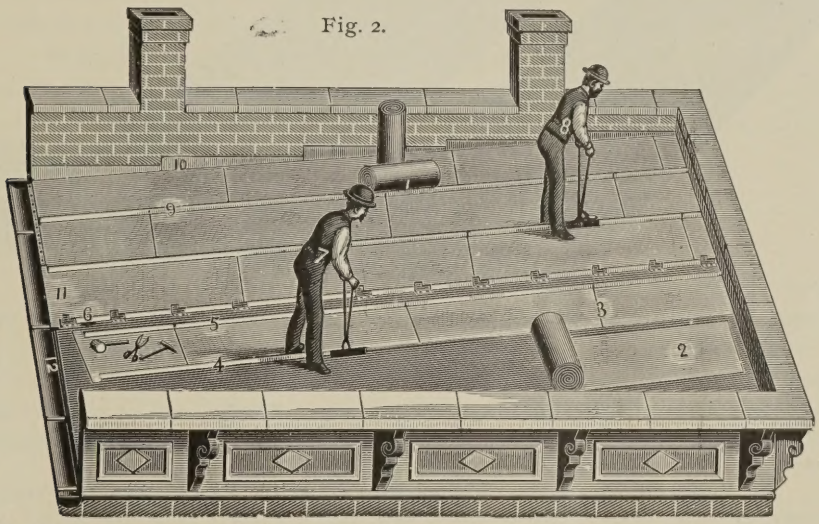
☞All orders sent us without previous quotations will be shipped at our regular prices, which will be as low as if quoted before receiving the order.

THE STANDARD ROOF.

THE H. W. SMITH PATENT

Folded Lock Standing Seam Plan.

Fig. 2.

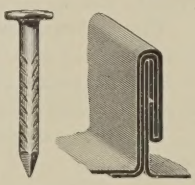


1—The Roofing in Rolls.
2—The Roofing as unrolled.
3—Cross-lock or Flat Seam.
4—1-inch Edge turned up with Tongs.
5—2¼-inch Edge turned up with Tongs.
6—Cleats or Fastenings.
7—Man Turning Edges with Tongs.
8—Man Folding Edges with Seamers.
9—Finished Standing Folded Seam.
10—Flashing along the Fire Walls.
11—Lap to turn down at Eaves and Gable Edges.
12—Eave Trough.

Old Style Cleat.

New Style Cleat.

Double Seam Cross-Lock.

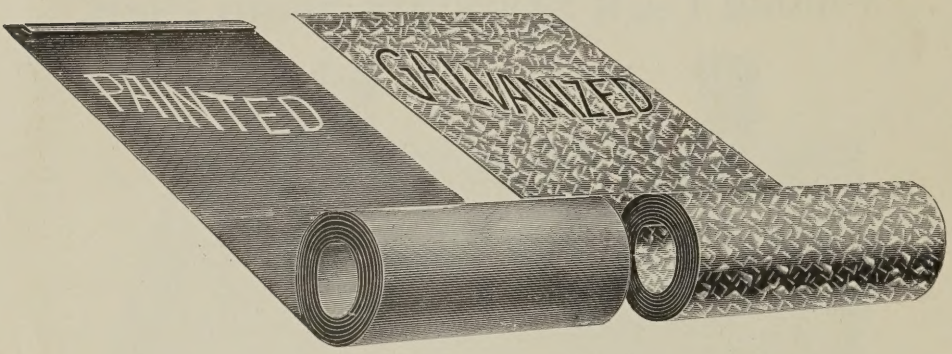


Standing Seam.

The only **Double Seamed Cross Lock Steel Roofing.**
We guarantee **These Cross Seams** not to leak nor come apart.
The nicest and most reliable plan of construction known.
Highest in reputation, preferable to any other, and more largely sold.
Guaranteed the best in quality, and always satisfactory.
Strong seams securely fastened, suitable for all buildings.
Contraction overcome. Conforms to surface with uniform tension, not produced by other plans. Can be laid on either sheeting boards or lath.
Fire, Lightning, Wind, Water and Rust Proof.
Printed instructions furnished.
Tools at cost to agents.

The Smith Patent Roofing.

Guaranteed the Most Reliable of All.



HOW PREPARED.

For this Roofing we use only the best quality Steel Sheets of No. 28 U. S. Standard Gauge, 27 inches wide by 96 to 120 inches long. No. 28 is practically the same as the old No. 27 Birmingham Gauge.

The edges of sheets are trimmed with squaring shears, then thoroughly painted on both sides by machine and brush, with our latest improved paint, and connected at ends by our Patent **Double Seamed Cross Locks,** which are guaranteed to not leak nor come apart.

We always use red paint unless Graphite painting is ordered, as paint is the protection. It is economy to use the best. The cost is but little more, while the durability will be far greater.

Our Galvanized sheets are of same size and gauge as for the painted steel roofing, but not painted nor soldered except when so ordered.

☞Galvanized Roofing should be used where steam, sulphur, acids or other injurious substances have to be encountered.

Prices of galvanized roofing are now no higher than for Painted Steel Roofing a few years ago.

PLAN OF CONSTRUCTION.

By the Smith Patent plan of folding the edges together with the **concealed** cleats when being applied, the material adjusts to inequalities, and makes the Folded Standing Lock Seam tighter, stronger, nicer in appearance and more reliable than can can be procured by any other plan. A more uniform tension is also secured, which prevents rattling, leaking and loosening of the joints by force of winds, so common in other standing seam roofing.

Our Cross Locks are **Double Seams,** and not the common single hook end lock used by other roofing manufacturers. These Cross Seams are better than single locks, particularly such cross seams as are made on the roof with nothing solid to mallet on, as is required by roofs put on in separate sheets.

This plan of construction furnishes its own ridge and hip capping by a folded seam combined with the roof, and can be attached to either Painted Steel, Tin, or other kind of gutters and valleys.

All Tinners prefer this plan to any other for Steel Roofs, because the construction is simple and **can be applied as rapidly as any other,** and a better and more satisfactory roof obtained when completed, as the roof cannot get out of repair when applied according to printed directions.

It is a great mistake to suppose all metallic roofs alike or of equal value. There is as much difference as in slate, tin or shingle roofing. It is false economy to buy a faulty and inferior roof to save a small difference in price, which always means a difference in real value.

PITCH OF ROOF.

Our Smith Patent Roofing, having water tight Double Seam Cross Locks, can be successfully used with one-half inch fall per foot when properly applied. More pitch is better, however, for any roof, as a roof is to shed water, not to serve as a tank. On exceedingly flat roofs, the standing seams should be cemented at the bottom of the fold wherever liable to be flooded. (See our instruction pamphlet.)

A SQUARE

Of our Smith Patent Roofing, as shipped by us, consists of a strip of connected sheets 2¼ feet wide by 50 feet long, or its equivalent, and 40 cleats. The covering width is 2 feet when applied.

LIST PRICES.

		No. 28		No. 26
Red painted	Weight, 74 lbs	$4.50	per square	$5.00
Graphite, painted	" 74 lbs	4.75	" "	5.25
Galvanized, not painted	" 90 lbs	7.25	" "	7.50

Discount.....per cent.

NAILS AND PAINT

Are not included in price of Roofing any more than with shingle or slate roofing, and are not shipped unless ordered. Price, nails, 3 cents, net, per square.

PRICES—Enough for One Square.

Dry Paint, Red	2 cents.	Paste Paint, Red	3 cents.
Ready Mixed, Red	15 cents.	Graphite, ready mixed	20 cents.

For Prices on Dry and other Paint in original packages, see Page 15.

PRICE LIST OF ROOFING TOOLS

FOR APPLYING ALL KINDS OF OUR ROOFING.

One pair 2½ inch Steel Tongs	$ 1.75, net.
" " 1 " " "	1.75, "
" " 1 " Seamers	5.00, "
" " 1⅞ " "	5.00, "
" " No. 7 Tinners' Snips	1.50, "
" pointed Roofing Hammer	.50, "
" Mallet	.10, "
Tool Box, made special	1.40, "
Set, complete, with Box, weighs about 100 pounds	$17.00

The Foot Treadle on our Seamers can be used as a Cap Squeezer for other roofs.

We loan Roofing Tools only to customers not having a set of such tools of their own. We charge for their use estimated return expenses.

☞We do not send shears, hammer nor mallet except when ordered, as dealers usually have them.

☞As soon as the roofing is laid, the box of tools must be promptly shipped us, with a card attached, showing by whom returned, and the bill of lading mailed as proof of shipment, to enable us to trace if lost in transit. Until returned they stand charged to the borrower, and subject to sight draft for their value.

All dealers should own a set of Roofing Tools for convenience and economy, thereby saving the expenses of returning a borrowed outfit.

☞We mail printed instructions and sample when requested.

STEEL ROOFING IS LIGHTNING PROOF.

This claim is not an advertising assertion, but a fact. Lightning has never been known to injure a roof covered with sheet metal; hence, loss of life, property, and the need of lightning rods is prevented. Iron buildings and other iron structures are never destroyed by lightning.

Authorities agree that combustion cannot occur, because the large metallic surface scatters the electricity and renders it harmless.

These facts deserve appreciation by all, especially by owners of newly filled barns, as barns are struck by lightning oftener than other buildings.

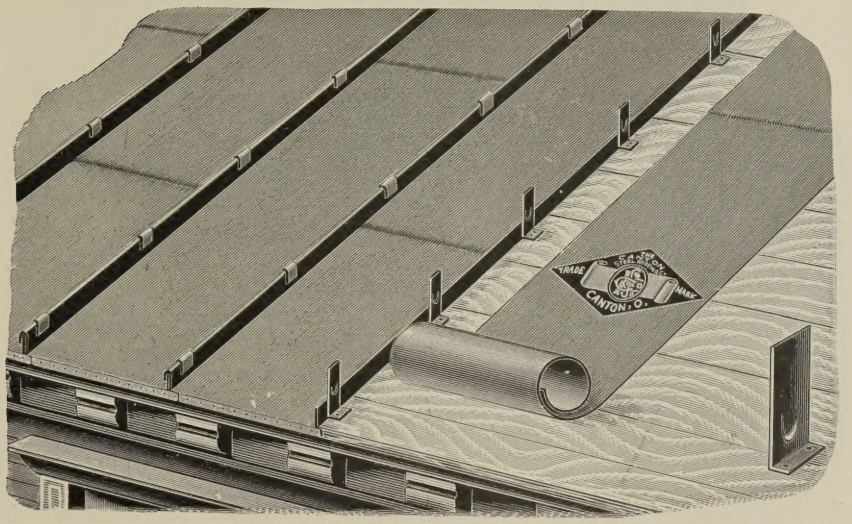
INSURANCE.

Is less on buildings covered with Metallic Roofing, because the material is both fire and lightning proof.

Iron clad buildings are permitted within the fire limits of all cities, and can be made as beautiful as any other kind.

Folded Standing Seam Roofing.

No Separate Cap Required. Well Known to The Trade.



Galvanized Cleats Furnished.

Made of Soft Steel Sheets, connected by Double Seamed Cross Locks, always painted red, by both machine and brush, with pure Iron Oxide and Boiled Linseed Oil Paint, unless ordered otherwise.

Sheets used are 8 to 10 feet long, connected by our double seamed end locks. Guaranteed not to leak nor come apart.

Shipped in rolls. A square consists of a strip 50 feet long and 1½ pounds of Galvanized Cleats. Weight, about 73 pounds.

☞This roofing, by reason of our Double Seamed Cross Locks, is better than any other roofing of this style on the market.

☞When ordered to be painted with our Improved Graphite Paint, price will be 10 cents per square higher.

Tools for Applying this Roofing are:—1 inch and 1⅝ inch Tongs, 1 inch Seamer, Shears, Hammer and Mallet. Apply as shown by the cut.

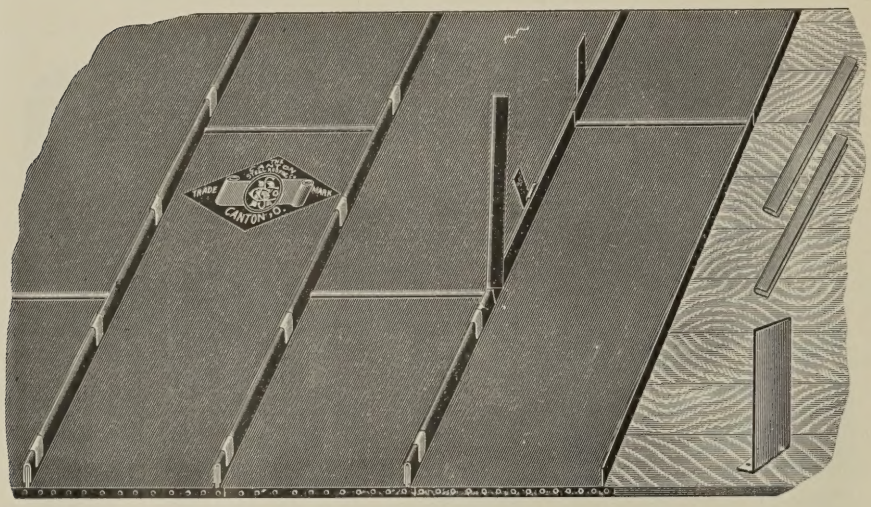
PRICE LIST.

	Per Square.
No. 28 Steel, Painted Red, Weight 73 pounds	$4.25
" 28 Galvanized, Weight 90 pounds	7.25

Discount.....per cent.

Roll and Cap Roofing.

Fig. 54.



Laid with Outside Cleats.

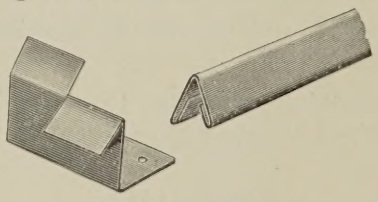
Made of Genuine Soft Steel Sheets, connected by Double Seamed Cross Locks, always painted with Red Iron Oxide and Linseed Oil, unless otherwise ordered. Also Galvanized in sheets connected by our Double Seamed Cross Locks. Guaranteed not to leak nor come apart.

Shipped in rolls containing 100 square feet, 1½ pounds Galvanized Cleats and 50 lineal feet of Caps, which constitute one square. Weighing about 74 pounds; Galvanized, 90 pounds.

Tools for Applying:—1 inch Tongs, Cap Squeezers, Shears, Hammer and Mallet. Apply as indicated by the cut shown. Price of Cap Squeezers, $2.50.

Notice:—We can also furnish **"Countersunk Cap Roofing,"** which is laid with short cleats, not exposed, the cap to be fastened by a countersinking tool, which we loan or sell at $2.50.

☞We can also make the **Two-Hem Cap Roofing** with cleats not exposed, as shown by the following cuts.



LIST PRICE.

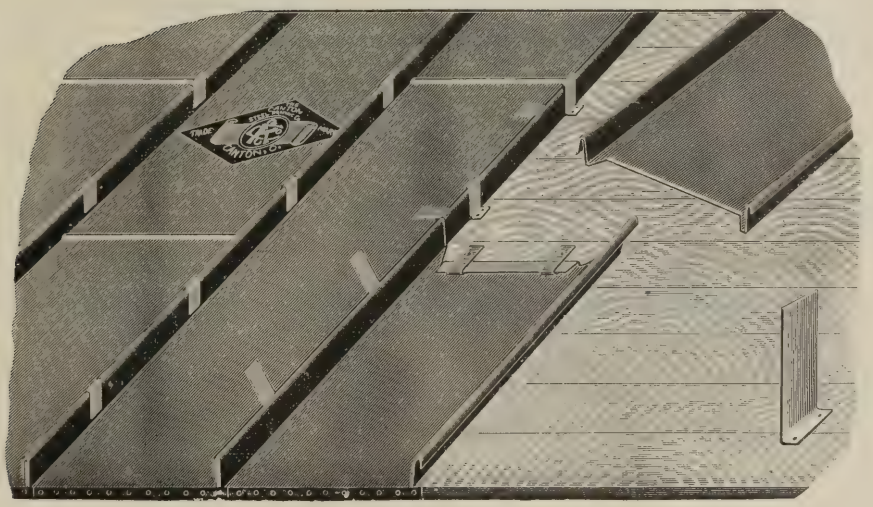
	Per Square
No. 28 Steel, Painted Red	$4.25
No. 28 Galvanized, Not Painted	7.25

Discount.....per cent.

Pressed Standing Seam Roofing.

Applied in Separate Sheets. With Outside Cleats as Shown.

Fig. 55.



Crated; Edges ready formed. Shipped Banded or Crated.

A square consists of 50 lineal feet in separate sheets, painted and formed, 1½ pounds Galvanized Side Cleats and 1-5 pound painted End Cleats.

Tools necessary are:—Squeezers, Shears, Hammer and End Lock Turner.

Eight feet sheets always sent unless otherwise ordered.

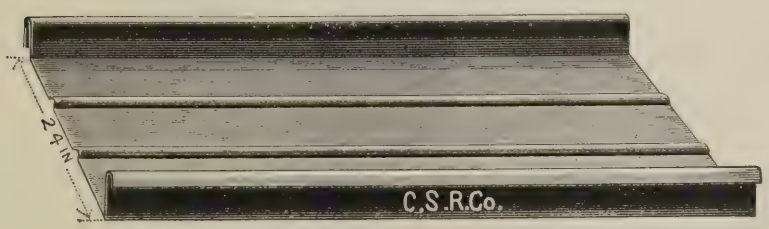
PRICE LIST.

No. 28 Steel, Painted Red..... .....Weight, 74 pounds.....$4.25 per square.
No, 28 Galvanized, Not Painted..... " 90 pounds..... 7.25 per square.

Price with End Locks turned, 10 cents net extra per square.

Discount.....per cent.

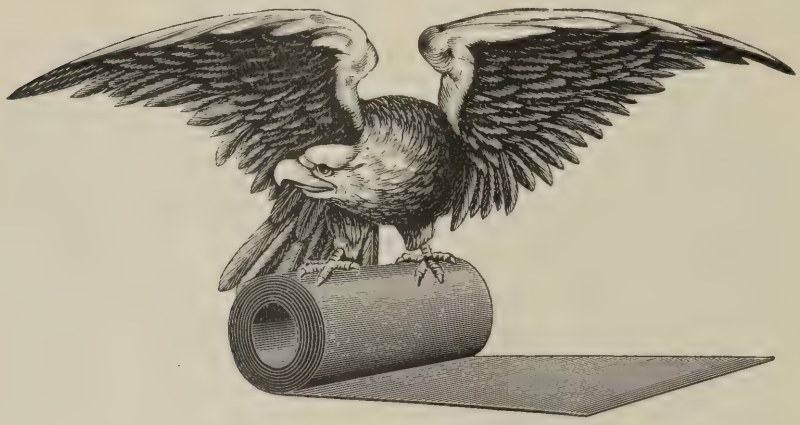
OUR BEADED STANDING SEAM ROOFING.



Is the same as the above style, but has two beads between standing seams to stiffen the sheet. Price, 10 cents per square extra.

American Tin Roofing.

BEST GRADE.



To Be Applied by Tinners' Double Seam Plan.

We guarantee our highest grade American Tin Roofing made of the best quality of Oil Process Plates, redipped by hand, connected at ends by Double Seamed Cross Locks which will not leak nor come apart. We do not solder the cross locks, except when so ordered. Each strip 2 feet wide by 50 feet long is shipped as one roll containing 100 square feet, flat surface, having ends of rolls protected with wooden heads.

We do not furnish tools to apply the Tinner's plan of double seaming unless so ordered, as nearly all Tinners have such tools.

PRICE LIST—BEST GRADE.

I C per Roll, not painted.....$4.25
I X per Roll, not painted..... 4.75
With Cross Locks soldered, 10 cents per Roll extra.
When painted one or both sides, price 25 cents per Roll extra.

Discount.....per cent.

Our Commercial Tin Roofing.

CHARCOAL PLATES, WELL COATED.

Is put up in Rolls same as the **Best Grade**. Size of sheets used are 20x28 inches.

This quality is equal to any other Tin Roofing of same price.

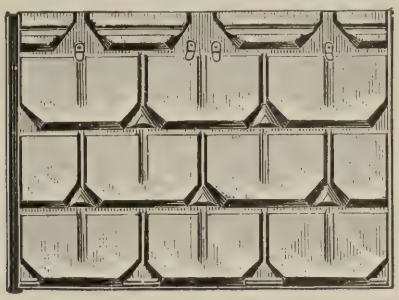
PRICE LIST.

I C per Roll, not painted.....$3.75
I X per Roll, not painted..... 4.25
With Cross Locks Soldered, 10 cents per Roll extra.
When painted one or both sides, 25 cents per Roll extra.

Discount. .....per cent.

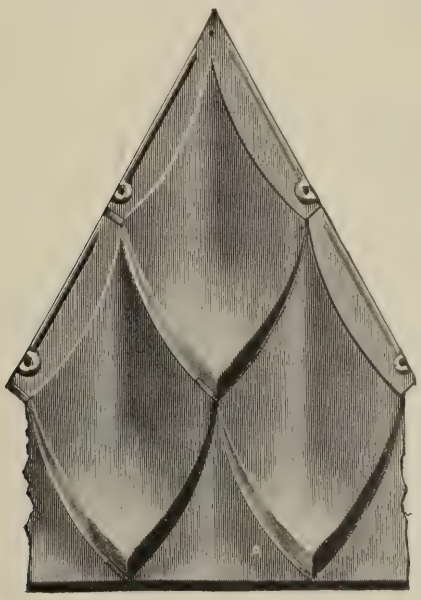
EASTLAKE SHINGLES.

Embossed with Nine Figures or Slates in Each Sheet.



Made in Black Steel Painted, Tin Plate and Copper.
Size of sheet, 17½x26 inches, 32 sheets to the square.
Starters or Eaves Courses furnished.

GOTHIC TILE.—Patented April 12, 1892.



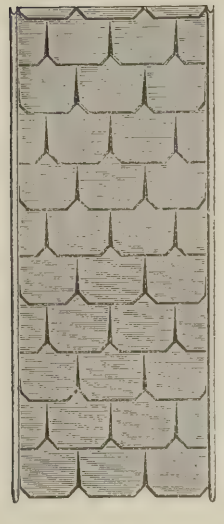
For use on Mansards, Towers, and Spires with hips, Bay Windows, Porches, etc., and for Siding Queen Ann Cottages, Gables, Belt Courses, etc.

Each Tile covers 6x6 inches, 400 tiles to one square. Can be made only of Copper or extra quality of Steel or Tin.

☞ Write for Special Circular showing other styles, Instructions and price list.

Cluster Slate Roofing.

Fig. 57.



Covering width, 2 feet. Sizes of sheets, 24¾ inches by 61 inches, and 24¾ inches by 121 inches.

Made of pure steel, gauge 28.

Ten 5-foot sheets, or five 10 foot sheets cover a square.

Apply by Pressed Standing Seam Plan, or the two Hem Cap Style, as shown under Fig. 55, page 8.

LIST PRICES.

	Per Square.
No. 28 Steel, Painted Red, weight 74 pounds	$5.00
No. 28 Galvanized, not painted, weight 90 pounds	8.00

Discount.....per cent.

Cluster Shingle Siding.

Imitates Wood (Dimension) Shingles.

Size of sheets, 24x60 inches.

10 sheets cover one square.

To be laid with lapped edge.

Fig. 57A.

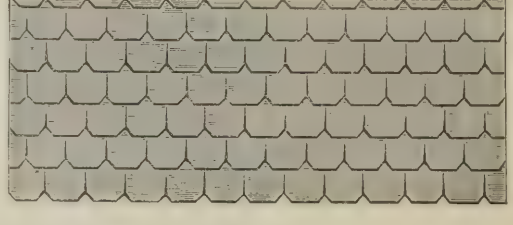
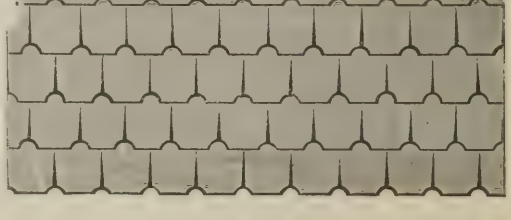


Fig 57B.



LIST PRICES.

	Per Square.
No. 28 Steel, Painted red weight 74 pounds	$4.75
No. 28 Galvanized, not painted, weight 90 pounds	7.25

Discount.....per cent.

Neponset Roofing Fabric.

Guaranteed to Last Several Years. The Best Cheap Roofing Known.
Always in Stock for Prompt Shipment.

Odorless, Clean to Handle, No Waste. Absolutely Waterproof and Air Tight.

ALWAYS SATISFACTORY. NEVER COMPLAINED OF.

We are Manufacturers' agents for this material, and can furnish it to parties wanting cheap roofing, including suitable nails and caps, at manufacturers' prices. No expansion or contraction; no odor, does not get out of repair nor leak. Lighter and more durable than any other cheap roofing. It is chemically treated, heavy, strong; paper guaranteed free from coal tar.

When laid according to our instructions, will last several years. Requires no pitch or gravel. Can be applied by any one with a hammer and pocket knife.

Two-ply is generally used, and far better than one-ply, though the Black Neponset Sheathing Paper may be used for under-ply with the Red Rope Roofing Fabric for the upper-ply. When laid it should be painted. Many parties use but one-ply. Any good paint may be used.

Write for sample, price and special circular on Neponset Roofing.

This Fabric is universally known as the best Poultry Paper in use.

We can also furnish Asbestos Roofing.

PRICES.

Per Roll, 500 square feet including Nails and Tin Caps.....$5.00
Per Roll, 250 square feet including Nails and Tin Caps..... 2.50

☞ Neponset Roofing circular and directions for applying mailed on application.

Roof Lining.

We keep four different kinds best for this purpose, always satisfactory.

DRY ROSIN SIZED GREY FELT.

Largely used by builders for warmth, dryness, to deaden sound and absorb condensation. In Rolls, containing 800 square feet, $1.00 per Roll.

Red Rosin Size felt, 600 feet per roll..... .70 cents.

MACHINE WAXED SHEATHING PAPER,

Strong, waterproof, odorless, clean to handle, retains its moisture, does not become dry or brittle, and is an excellent article. In rolls containing 500 square feet, $1.50 per Roll.

NEPONSET WATERPROOF SHEATHING PAPER

Is superior in quality, cheaper, stronger and far more durable than felt, and not affected by changes of the atmosphere. 900 foot Rolls, $1.75 per Roll; 250 foot Rolls, 90 cents per Roll, net.

Such papers protect the paint on underside of roofs, and deaden sound.

It is advisable to use lining paper under nearly **all roofs,** whether steel, iron, slate or shingle, as it is a non-conductor of heat and cold, and makes buildings, **cooler in summer and warmer in winter.**

It prevents condensation and dampness, and makes buildings more dry and healthy.

It should be used on dwellings, churches and grist mills, or wherever gas, steam, sulpur, heat and other injurious substances exist.

Such papers are used extensively under siding of all kinds, and between floors in many buildings. They are always satisfactory, and not expensive.

Tarred Felt should never be used under Metal Roofs.

SLATER'S WATERPROOF FELT.

For lining State Roofs, price per Roll 600 feet, 90 cents.

Buff Rope Manilla Lining Paper.

No. 27—First Quality.

Used extensively for finishing inside of buildings over lath and studding in place of plaster. A good cheap finish for attics, basement ceilings and partitions, summer kitchens, etc.

If applied with paste, it will dry out tight and smooth.

Can be varnished or have wall paper pasted over it.

In Rolls of 500 square feet. Price, each, $4.00.

We can also furnish Asbestos Sheathing papers.

IRON OXIDE PAINT—DRY.

Bright Red and Prince Brown.

We Guarantee our Dry Paints equal to any in the market, and free from clay, lime and sand, and to be ground extra fine by machinery of the latest and most improved construction.

These paints are fire-proof and guaranteed not to crack, scale, fade nor peel.

Very cheap, and largely used on iron, tin, wood, stone and brick.

Prepared for the trade in two forms:

1st. **Paste Form,** ground thick in Boiled Linseed Oil.

2nd. **Ready Mixed,** with Pure Boiled Linseed Oil ready for the brush.

PRICE LIST.—Dry.

	Red.	Prince Brown.
100 lbs., Kegs	1½ cents per pound.	2 cents per pound.
Barrels	1¼ cents per pound.	1⅔ cents per pound.
In Ton lots	1 cent per pound.	1½ cents per pound.

Discount.....per cent.

IN PASTE FORM AND READY MIXED.

In Strong, Impervious Kits.

COLORS: RED AND PRINCE BROWN.

No Charge for Package.

Paste Form.	Red. Per. Lb.
10 pounds	6 cts.
25 pounds	5½ "
50 pounds	5¼ "
100 pounds	5 "
Barrels	4 "

Prince Brown color, ½ cent higher.

Discount.....per cent.

Ready Mixed.	Red. Per Gal.
1 gallon Kits	$1.00
2 and 3 gallon Kits	.90 cents.
10 and 20 gallon Kits	.85 cents.
Barrels	.75 cents.

Prince Brown color, 10 cents per gal. higher.

Discount.....per cent.

Graphite Paint.

Improved Solution.

Bridges, Steam Pipes, Machinery, Cars, Vessels, Brick and Wood.

Not affected by Creosote, Soot, Gases, Salt Water nor Alkalies.

This Paint, as now made by us **Preserves** Metallic Roofs and other surfaces, much **Longer,** when properly applied, than the very cheap Paints so much used.

Graphite is light in weight. One pound in bulk is twice that of Oxide and three times that of White Lead, and for this reason covers more surface accordingly.

Quality first, and price next, is a good rule when using Paints.

As now compounded will not Rust, Crack, Flake nor Peel. Does not hold dirt like other Paints. Water is not affected by it. In appearance is more clean than other dark colors. The color is a rich dark slate.

DIRECTIONS FOR USING GRAPHITE PAINT.

In Paste Form.

Thin the paste in small quantities, with about twice its bulk in Boiled Linseed Oil and Dryer, to make it spread freely, clean the surface from scale, dirt and dust. Stir well before using and frequently during use, to keep the solution uniform. Spread evenly, and allow same to dry thoroughly before applying the second coat.

For **Our Ready Mixed Paint,** stir and apply.

☞**Covering Capacity.** One gallon Ready Mixed will cover from 400 to 800 square feet of iron or wood surface, according to smoothness.

One pound of the Paste thinned with Linseed Oil will cover 100 square feet

Price List.

IN PASTE FORM.		READY MIXED.	
10 pounds	10 cts. per pound.	1 Gallon Kits	$1.25 per gallon.
25 pounds	9 cts. per pound.	2 and 3 Gallon Kits	1.20 per gallon.
50 pounds	8 cts. per pound.	5 and 10 Gallon Kits	1.15 per gallon.
100 pounds	7 cts. per pound.	Barrels and ½ Barrels	1.10 per gallon.
500 to 600 pound Barrels	6 cts. per pound.	No charge for package.	
		Discount	per cent

SMOKE STACK PAINT.

	Net.
Asphaltum Compound, per gallon	50 cents.
German, per gallon	$1.50

OPINION OF GRAPHITE PAINT

From Report of the Society of American Engineers.

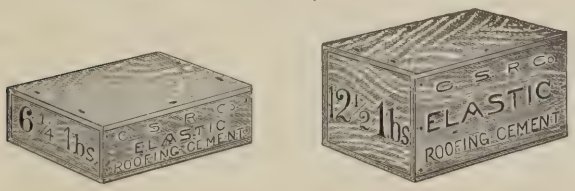
"The fact that **Graphite is impervious to the action of heat** or cold, or any known chemical, makes it **peculiarly suited for outside painting.** Several members of the convention spoke of the very **satisfactory results attained in using Graphite Paint.** Instances were mentioned where roofs painted with Graphite Paint had not required re-painting in from **twelve to eighteen years.** One member said: 'My experience with sheet metal roofs has led me to believe that **Graphite Paint is really the best for wearing.** I know we painted a roof **twelve years ago; I** see it every day from my window, and from appearances **it does not need anything more for five to ten years to come.'** "

PAINT BRUSHES.

4½ inch Flat, 50 cents; 3 Knot, $1,25; 4 Knot, $1.50, each net.

PURCELL'S ORIGINAL ELASTIC ROOF CEMENT.

Guaranteed the Best in Use. Tested Sixty Years.



In boxes 6¼ lbs., and 12½ lbs., and cases containing 100 lbs.

For pointing up and preventing leaks in metallic roofs, flashing chimneys, copings, skylights, gutters, cupolas, dormer windows, slate, stone, brick and wood. Very adhesive and sticks to anything. **Will Not Crack** in summer nor winter. Easily applied with knife or trowel. More reliable than solder, and largely used.

The Purcell Cement has been in use for the past 60 years, and is known to be the most reliable composition for the purpose intended. All who have tried it use no other. The market is flooded with inferior goods in this line, as in others. Buyers should use only what has proven to be most satisfactory.

PRICES.

6¼ pound Boxes	$ .65		100	pound Cases (in Boxes)	6.75
12½ pound Boxes	1.30		1	Ton lots	150.00

Discount.....per cent.

Corrugated Sheets.

We guarantee our Corrugated Sheets to be of U. S. Standard Gauge, refined, box annealed and free from holes and scale—not common direct process iron.

The black sheets are painted on both sides, by machine and brush, with improved Iron Oxide Paint manufactured by ourselves, and guaranteed the best.

We make five sizes of corrugations formed by an Improved Press machine. The pressed formations make better fitting laps, the sheets are the same in width at both ends and will line up uniformly straight and lap closer than sheets corrugated by rolls.

Corrugated roofs are stronger and less liable to leak when one and one-half or two corrugations are used for side lap.

Covering width of sheets is two feet when one corrugate is used for side lap.

STANDARD SIZES OF SHEETS KEPT IN STOCK.

6, 7, 8, 9 and 10 feet long of Gauges No. 28, 27, 26, 24, 22 and 20.

No. 18 and 16 Gauge sheets made to order on short notice.

When sheets of other than standard lengths are wanted, we ship the next greater standard length sheets, and charge for full length, unless about two weeks' time is allowed us to make sheets to exact length wanted.

We always ship sheets of 8 feet lengths, of No. 28 gauge, when length and gauge wanted is not specified in the order.

The covering width of sheets is 2 feet; whole width 26 inches, except for the 1¼ and ⅝ inch Corrugated sheets, whole width of which is 25 inches, though they contain same amount of material as the 26 inch sheets, and cover 24 inches.

Full length and width of corrugated sheets is charged for. No allowance for laps.

HOW TO ORDER CORRUGATED SHEETS.

Use our **Order Sheet**, fill out diagram according to instructions.

State whether Painted or Galvanized Sheets are wanted.

Estimate the number of rows of sheets, the number of sheets in each row, and the length of sheets for each row necessary to provide end lap.

☞Remember the covering width of all sheets is 2 feet.

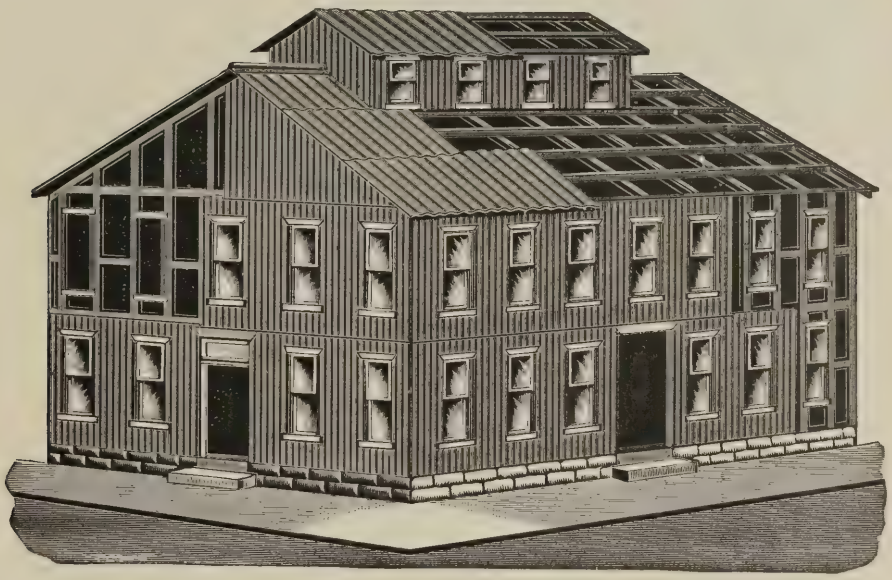
☞Specify by the Name and Fig. Number given in this catalogue.

☞We will make estimates and quote on enough Roofing and Siding to cover an Elevator or other building complete, on receipt of plans or drawings giving dimensions and specifications of all details.

☞For U. S. Standard Gauge, number of feet in a sheet, number of feet required to lay a square, and rules of measurement, see page 22 and Index.

Corrugated Roofing and Siding.

Fig. 12.



Shows application or three-inch heavy gauge corrugated roof, with Ridge Roll in place on either wood or metallic frame. The Siding represented is of two-inch corrugation, and may be of lighter material than is used for the roof.

Light gauges should be laid on Sheeting Boards, instead of lath or rafters.

For information as to distances between supports, write us.

SIDE LAP FOR CORRUGATED ROOF.

Fig. 6.

For roofing, we recommend that one and one-half corrugates be used for side lap.

When laid this way the covering of sheet will be ½ corrugate less.

The width required for their lap is not kept in stock, but must be made to order.

Each alternate sheet can be turned upside down and applied like Fig. 6, with same result. When one corrugate only is used for side lap the roof may leak.

Use three to six inches, according to pitch, for end lap.

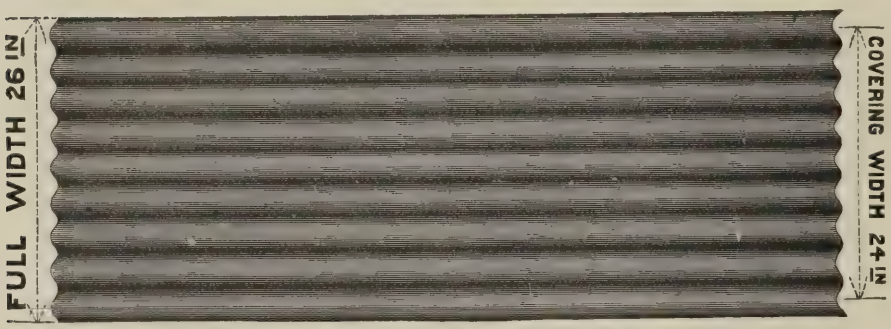
FOR SIDING.

Fig. 7.

When used for siding, one or two inches should be used for end lap, and one corrugate for side lap, as shown in Fig. 7.

THREE INCH CORRUGATED SHEET.

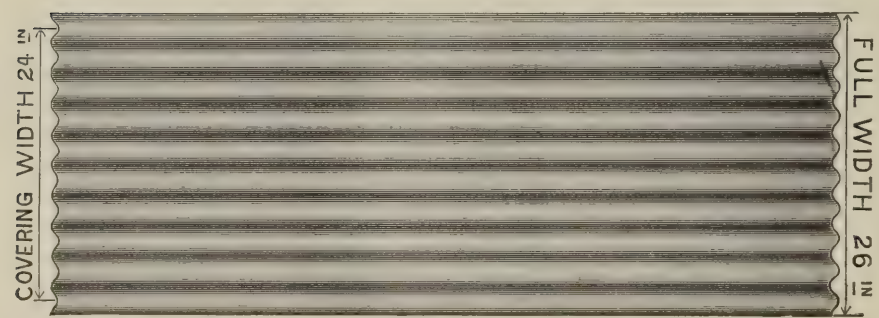
Fig. 3.



Nine corrugations in a sheet; 3 inches center to center.
Full width of sheet 26 inches; covering width 24 inches.

TWO AND ONE-HALF INCH CORRUGATED SHEET.

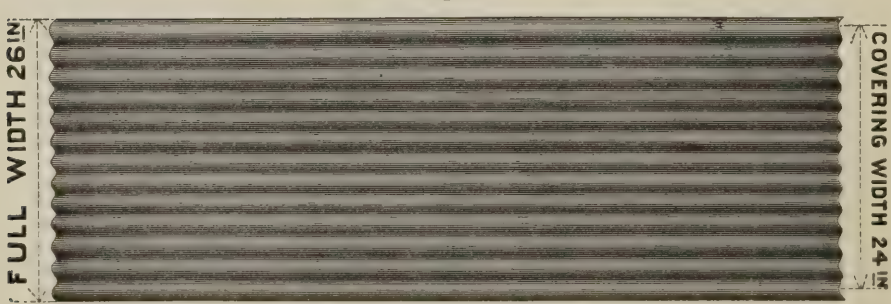
Fig. 4½.



Ten corrugations in a sheet, or eleven corrugations when preferred.
Whole width of sheets 26 inches; covering width 24 inches in all instances.

TWO-INCH CORRUGATED SHEET.

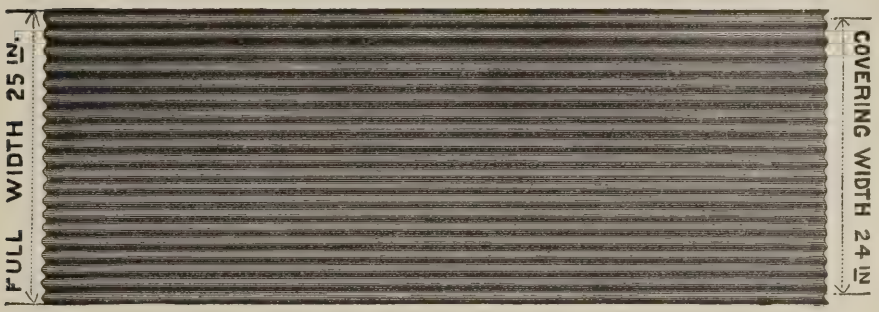
Fig. 4.



Thirteen corrugations in a sheet.
Sheets 26 inches wide; covering width 24 inches.

ONE AND ONE-QUARTER INCH CORRUGATED SHEET.

Fig. 5.



Length 6, 7, 8, 9 and 10 Feet.

Twenty corrugations in a sheet, 1¼ inches center to center. Full width, 25 inches; covering width, 24 inches, when one corrugate is used for side lap.

This is nice for ceilings, and is much used for siding and roofing.

When for roofing use two corrugates for side lap.

☞We also make ⅝ inch size corrugations to order; sheets 5 feet long only.

Elevator Siding.

Regular size of sheets, 26 inches wide by 32 inches long.

Each sheet covers, applied with one corrugation for side lap, 24 inches.

Fig. 12½.

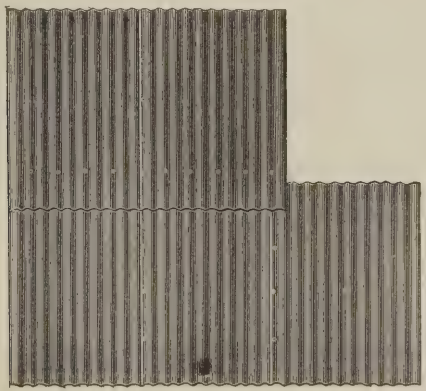


Fig. 12½ represents our Corrugated Elevator Siding with 2 inch corrugations. When applying, lap end of sheet. Drive a nail in the trough of each alternate corrugation 1 inch above the upper end of the lower sheet, to allow for settling, as shown in the cut above. We recommend the use of one and one-half corrugates for side laps, not nailed, as this will allow the sheet to slide as the building settles, and cause each sheet to act independently and prevent springing and drawing of nails. Price, 10 cents net per square higher than for long sheets.

Number of Square Feet

IN SHEETS OF STANDARD LENGTH.

6 foot sheet, 13 sq. feet, 2 foot covering width, selling width 26 inches.
7 foot sheet, 15⅙ sq. feet, 2 foot covering width, selling width 26 inches.
8 foot sheet, 17⅓ sq. feet, 2 foot covering width, selling width 26 inches.
9 foot sheet, 19½ sq feet, 2 foot covering width, selling width 26 inches.
10 foot sheet, 21⅔ sq. feet, 2 foot covering width, selling width 26 inches.

On 1¼ inch or small Corrugate Sheet, figure as follows:

6 feet long, 12½ sq. feet, 2 foot covering width, selling width 25 inches.
7 feet long, 14 7-12 sq. feet, 2 foot covering width, selling width 25 inches.
8 feet long, 16⅔ sq. feet, 2 foot covering width, selling width 25 inches.

NUMBER OF SQUARE FEET REQUIRED TO COVER ONE SQUARE WHEN LAID.

With Sheets having 2, 2½ or 3 inch Size Corrugations.

The following table gives the number of square feet necessary to cover complete one square of surface, when 8 foot sheets are used.

When longer or shorter sheets are used, the number of square feet will vary slightly.

END LAP.	1 inch.	2 inches.	3 inches.	4 inches.	5 inches.	6 inches.
1 Corrugates Side Lap.....	110 sq ft.	111 sq ft.	112 sq. ft.	113 sq. ft.	114 sq. ft.	115 sq. ft.
1½ Corrugates Side Lap.....	116 "	117 "	118 "	119 "	120 "	121 "
2 Corrugates Side Lap.....	123 "	124 "	125 "	126 "	127 "	128 "

FOR SHEETS HAVING 1¼ INCH CORRUGATIONS.

END LAP.	1 inch.	2 inches.	3 inches.	4 inches.	5 inches.	6 inches.
1 Corrugates Side Lap.....	105⅓ sq. ft.	106⅙ sq. ft.	107½ sq. ft.	108⅓ sq. ft.	109 sq. ft.	110½ sq. ft.
1½ Corrugates Side Lap.....	109 sq. ft.	110 "	111 "	112⅙ "	113¼ "	115⅓ "
2 Corrugates Side Lap.....	111⅓ sq. ft.	112½ "	113⅙ "	113⅔ "	115 "	116⅝ "

HALF-INCH CRIMP.

Fig. 8.

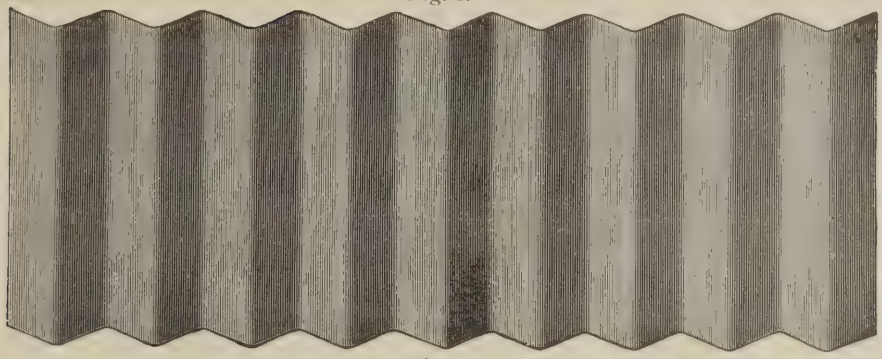


Fig. 9

Figures 8 and 9 Show Full Size and End View of Crimps.

Size of crimps, ½x⅛ inch. Sheets of any length, No. 28 U. S. Standard Gauge, and not more than 36 inches wide, crimped crossways. Used for Ceilings, Stilings, Friezes, etc. Specify width and length wanted.

THREE-SIXTEENTHS INCH CRIMPED IRON.

Fig. 10.

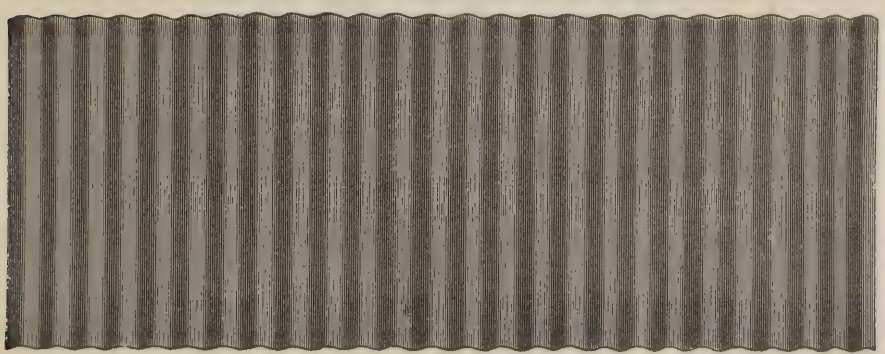


Fig. 11.

Figures 10 and 11 Show Full Size and End View of Crimps.

We crimp gauges 24 and lighter, and guarantee the sheets to be more level than can be obtained elsewhere. Give us a trial and be convinced.

Size of crimps, 3-16x1-16 inch. Sheets of any length crimped crossways up to 36 inches wide by any length not exceeding 10 feet.

Used for Cornice, Stilings, Borders, Friezes, Window and Door Case Coverings, Ceilings, Panels, Mouldings, etc. Nice in appearance.

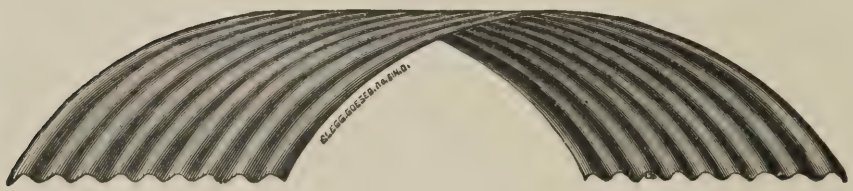
The crimping makes the sheets about three gauges stiffer, and takes out buckles and waves, and gives the appearance of dressed stone. It can be bent after crimping to any angle without breaking the material.

☞We have the only machine that will crimp heavier than 28 Gauge material satisfactorily.

Sheets furnished of Black or Galvanized Steel, Tin, Zinc and Copper.

Curved Corrugated Iron.

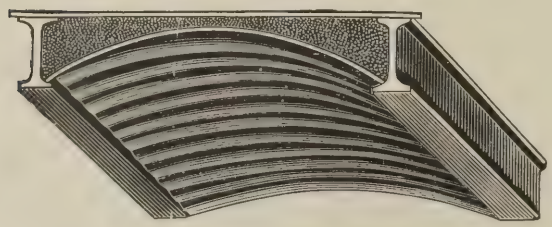
Fig. 20.



Two and three inch size of corrugations curved to any radius specified.

CURVED FOR CEILINGS AND ARCHES.

Fig. 21.



When ordering, follow instructions in our order sheet, showing how to order, and state size of corrugations wanted and radius or rise of arch.

PRICE LIST.

CORRUGATED ROOFING AND SIDING, PRESSED.

2, 2½, and 3 Inch Size Corrugations.

Painted.	Per Square.	Galvanized, not Painted.	Per Square.
No. 28 Gauge	$ 4.00	No. 28 Gauge	$ 6.50
No. 26 "	4.50	No. 26 "	7.00
No. 24 "	5.50	No. 24 "	8.00
No. 22 "	6.50	No. 22 "	9.00
Fo. 20 "	7.50	No. 20 "	11 00
No. 18 "	9.50	No. 18 "	14.00
No. 16 "	11.50	No. 16 "	17.50

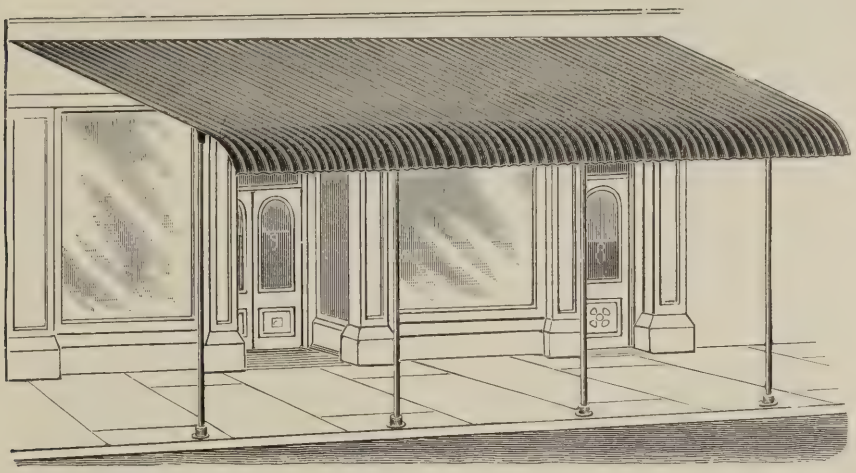
3-16, ½, ⅝ and 1¼ inch and Cross Corrugated, 10 cents per square net extra.

Prices for Curved Corrugated quoted on receipt of specifications and vary according to length of sheets and radius wanted.

Discount.....per cent.

Corrugated Curved Awnings.

Fig. 22.

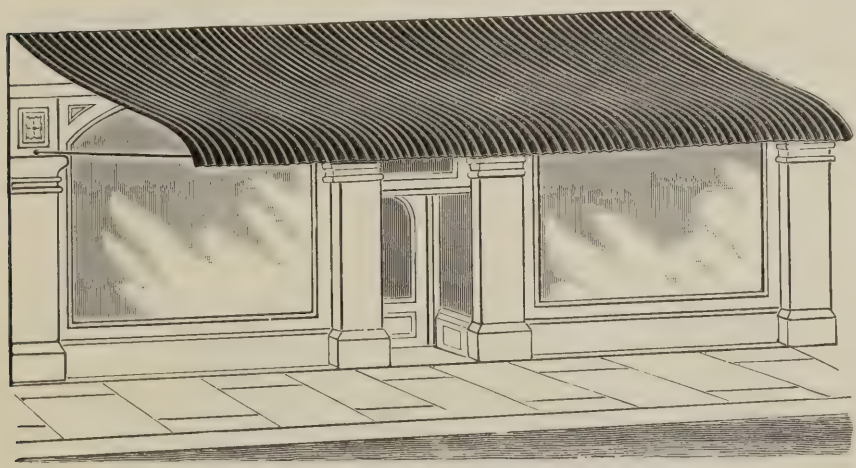


Single Curved Awning, Supported by Posts and Frame.

Furnished either with or without Iron Frames, as wanted.

Price on Awning, complete, quoted on receipt of specifications giving dimensions and height of Posts wanted.

Fig. 22½.



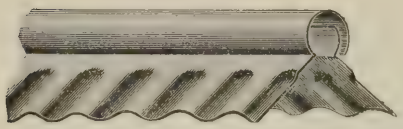
Double Curved Awning, Supported by Brace and Frame.

Furnished either with or without Iron Bracket Support, as specified.

Price on Awning, complete, quoted on receipt of specifications giving dimensions.

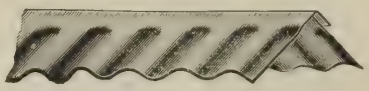
CORRUGATED RIDGE ROLL.

Fig. 24 B.



CORRUGATED V CAPPING.

Fig. 24 C.



Corrugated 2 and 3 inches. Regular lengths cover 2 feet.

Fig. 24 B, Painted, per foot.....20 cents.
Fig. 24 B, Galvanized.....28 cents.

Fig. 24 C, Painted, per foot.....16 cents.
Fig. 24 C, Galvanized.....22 cents.

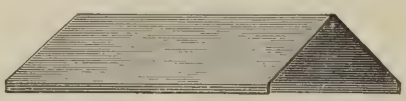
Made in two pieces, adjustable; will always fit corrugations on both sides of Ridge; no corrugated wood strip required.

PLAIN RIDGE ROLL.

Fig. 26.

PLAIN V CAPPING.

Fig. 27.



For Corrugated and Crimped Roofing.

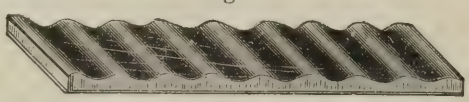
1½ inch size, Painted, per foot..... 6 cents.
2 inch size, Painted, per foot..... 7 cents.
2½ inch size, Painted, per foot..... 9 cents.
3 inch size, Painted, per foot.....11 cents.

6 inch girt, Painted..... 4 cents.
8 inch girt, Painted..... 5 cents.
Made in 10 foot lengths.

Discount.....per cent.

CORRUGATED WOOD RIDGE JOINT.

Fig. 28.

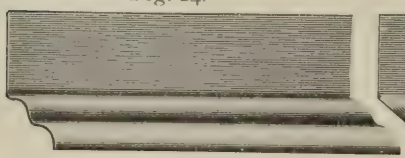


To be used under ridge roll for perfect fitting and tight joints on ridges and hips, when one piece corrugated ridge roll is used. Is flat on one side and corrugated on the other.

Made for 3, 2 and 1¼ inches corrugations. Price, per foot, 3 cents, net.

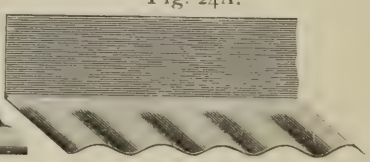
CORRUGATED SIDE WALL FLASHING.

Fig. 24.



CORRUGATED END WALL FLASHING.

Fig. 24A.



In 10 foot lengths, to fit 3, 2 and 1¼ inch corrugations.

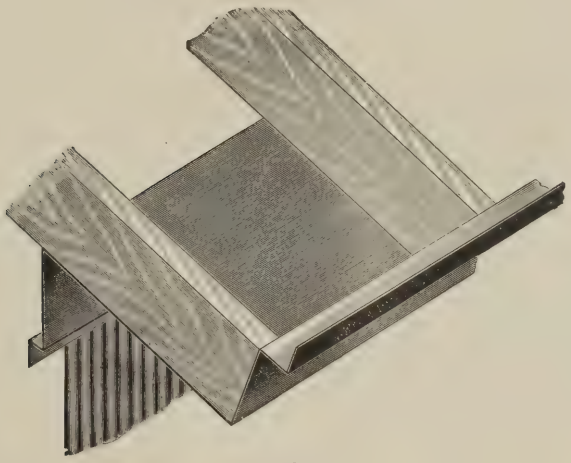
Painted, per foot.....18 cents.
Galvanized, per foot.... ...25 cents.

Discount.....per cent.

Painted, per foot.....18 cents.
Galvanized, per foot.....25 cents.

Discount.....per cent.

Plain Cornice.



No. 800.

	Painted.	Galvanized.
24 inch Girt, per lineal foot	$ .18	$ .24
26 inch Girt, per lineal foot	.19½	.26
28 inch Girt, per lineal foot	.21	.28
30 inch Girt, per lineal foot	.23	.30

Discount { Painted Steel.....per cent.
Galvanized Steel.....per cent.

Window and Door Casings.

No. 801.

No. 802.

No. 803.

SILLS FOR WINDOWS AND DOORS.

No. 801.

	Painted.	Galvanized.
9 inch Girt, per lineal foot	.07	.09
10 inch Girt, per lineal foot	.07½	.10
12 inch Girt, per lineal foot	.09	.12

CASINGS AND CAPS FOR WINDOWS.

Nos. 802 and 803.

	Painted.	Galvanized.
3 inch Face, 10 inch Girt, per lineal foot	.07½	.10
4 inch Face, 11 inch Girt, per lineal foot	.08½	.11
5 inch Face, 12 inch Girt, per lineal foot	.09	.12

CASINGS AND CAPS FOR DOORS.

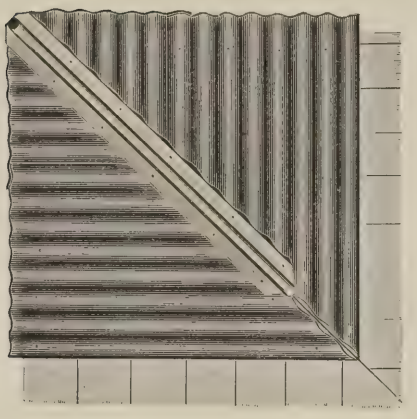
Nos. 802 and 803.

	Painted.	Galvanized.
3 inch Face, 12 inch Girt, per lineal foot	.09	.12
4 inch Face, 13 inch Girt, per lineal foot	.10	.13
5 inch Face, 14 inch Girt, per lineal foot	.11	.14

Discount { Painted Steel,.....per cent.
Galvanized Steel..... per cent.

HIP COVERED.

Fig. 31.



VALLEY IN CORRUGATED ROOF.

Fig. 30.

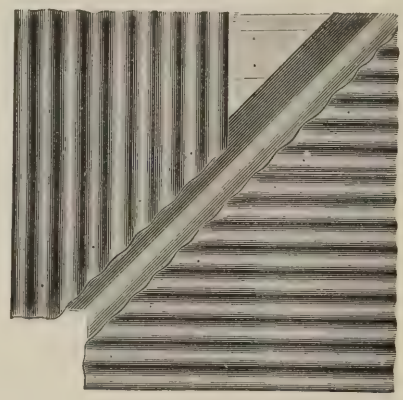


Fig. 31 shows application of Ridge Roll to a hip on corrugated roof.

Fig. 30 shows Valley in corrugated roof. Lay the valley first, cut the corrugated sheets to correspond with the angle and lap over edge of valley a few inches, as shown.

FLASHING CHIMNEY AND ROUND IRON STACKS.

Fig. 33.

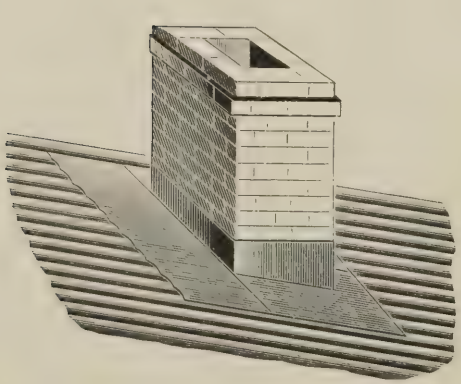
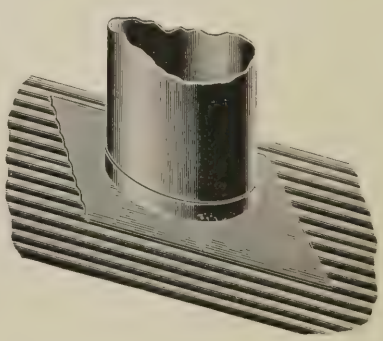


Fig. 34.



The cuts indicate the manner in which it is done. See in our instruction sheet.

Nails, Tin Caps and Lead Washers.

Sizes kept in stock. Other sizes furnished promptly.
For Neponset Roofing Fabric we keep 1 and 1½ inch tin caps.
Lead Washers furnished with Corrugated Roofing when ordered.

PRICE LIST.

Nails, per square..... 3 cents, net.
Per Keg—Market price, according to size.
Tin Caps, per pound..... 6 cents.
Lead Washers, per square..... 5 cents, net.
Lead Washers, per pound.....20 cents, net.

Clips and Rivets.

To be used when applying Roofing to Iron Purlins. Side laps should be riveted 12 to 18 inches or oftener; end laps in each alternate corrugation.

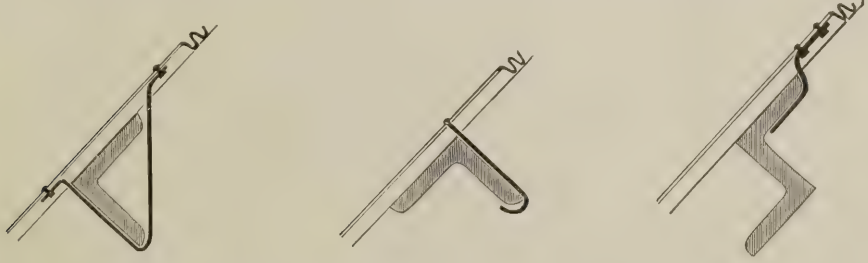


Fig. A. Fig. B. Fig. C.

Cuts A, B and C show various methods for fastening Sheets to Iron Frame.

One and one-half corrugations side lap is advisable when a strong and tight covering is wanted

Rivet at both ends as shown, then press clips toward the web of purlins or beams, to tighten, and provide for maximum contraction and expansion.

Price of Clips, including Rivets, per square, 15 to 25 cents, net, according to size and style wanted.

Crimped Edge Sheets.

Fig. 13.

Much Used for Roofing and Siding, and Easily Applied on Factories, Barns, Sheds, Etc.

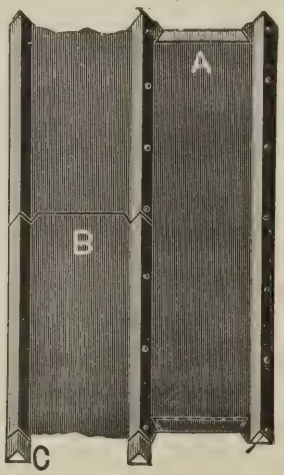
Sheets kept in stock No. 28 U. S. Standard Gauge, 6, 7, 8, 9 and 10 feet long, from which shorter ones may be cut. Heavier gauge sheets furnished on short notice.

Covering width 2 feet, after lapping one crimp, which we allow.

On roofing, lap 3 inches or more according to pitch. On siding, lap 1 or 2 inches.

Should be nailed as shown by Fig. 14 over wooden strips, which we furnish at cost.

Fig. 14.



Another way, shown by Fig. 14, is to cut and turn a hem at ends; requires same amount of material as when 3 inches is lapped, and is better and nicer.

Tool for turning ends, 50 cents.

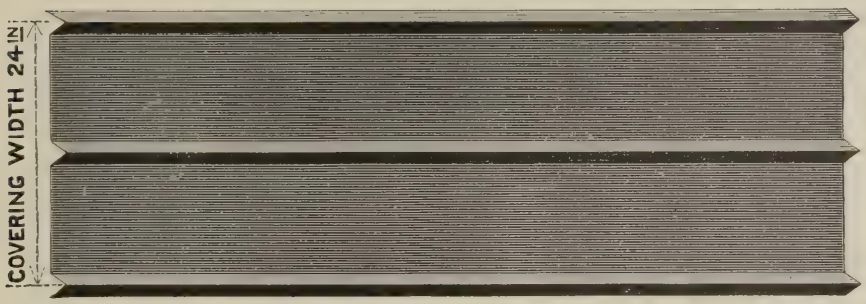
LIST PRICES.

No. 28 Painted.....$3.75 Per Square
No. 28 Galvanized..... ..... 6.50 " "

Discount..... .....per cent.

Three Crimp Sheet.

Fig. 15.



Sheets kept in stock No. 28 U. S. Standard Gauge, 6, 7, 8, 9 and 10 feet long, from which shorter ones may be cut; covering width 2 feet, side lap allowed.

The center crimp stiffens the iron, prevents vibration and rattle, and adds to its appearance; imitating batton boards. Apply in the same manner as the crimped edge sheets.

PRICE LIST.

No. 28 Painted. .....$3.85 Per Square
No. 28 Galvanized..... 6.60 " "

Discount.....per cent.

Beaded Sheets.

Fig. 16.

Nine Beads and Eight Spaces in Sheet.

Sheets of same length, gauge and quality as for crimped edge. Covering width 2 feet, after using one bead for side lap, which is allowed.

Beaded iron is very nice for siding and ceiling; imitates three inch boards. The beads are ½ inch wide, three inches from center to center.

Can be applied perpendicularly or horizontally to boards, or cross lath set the proper distance apart, or over plastered ceilings.

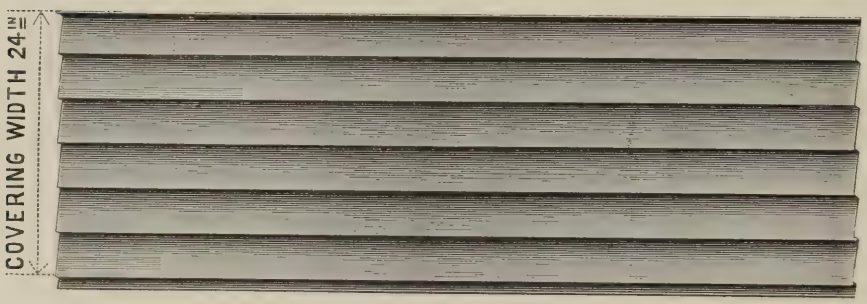
PRICE LIST.

No. 28 Painted.....$3.75 Per Square
No. 28 Galvanized..... 6.50 " "

Discount.....per cent.

Weather=Board Siding.

Fig. 17.



Covering Width 2 Feet.

Is made from any sheets of stock lengths, not exceeding 10 feet. Is a perfect imitation of weather-boarding or clap-boards. It is advisable to order sheets in lengths to suit distance from center to center of studding to avoid waste.

When odd lengths are necessary, 10 days or 2 weeks must be allowed to make the sheets, unless Standard lengths are cut, in which case the waste is charged for.

PRICE LIST.

No. 28 Painted.....$4.00 Per Square
No. 28 Galvanized. ..... 6.75 " "
Discount.....per cent.

HOW SHIPPED.

All Corrugated, Beaded, Crimped and Weather-Board Sheets are shipped in crates or bands when less than a car load.

Car load lots are shipped without crates.

CORNER COVERING.

Fig. 24.

Showing Metal Corner Covering, Which Should Always be Used With Steel Weather-Boarding.

Made in 10 foot lengths. Greatly improves appearance of buildings covered with Corrugated, Crimped and Beaded Sheets.

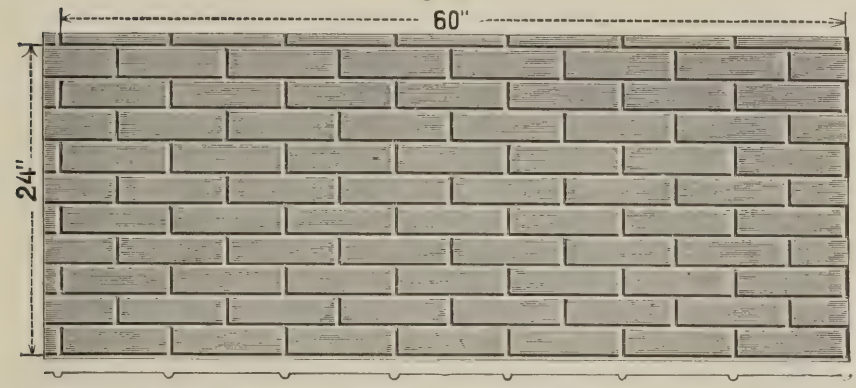
PRICE LIST.

No. 28 Painted Steel..... .... 5c. sq. ft.
No. 28 Galvanized .... 7c. " "
Discount.....per cent.

Pressed Brick Siding.

Made of Soft Steel.

Fig. 18.



Latest style. Is very nice. Much used for Siding.
Size of Brick, 2⅛ x 8¼. Sheets 24x60 inches, containing 10 square ft. each.
10 sheets cover one square.
Apply on dry sheeting boards.

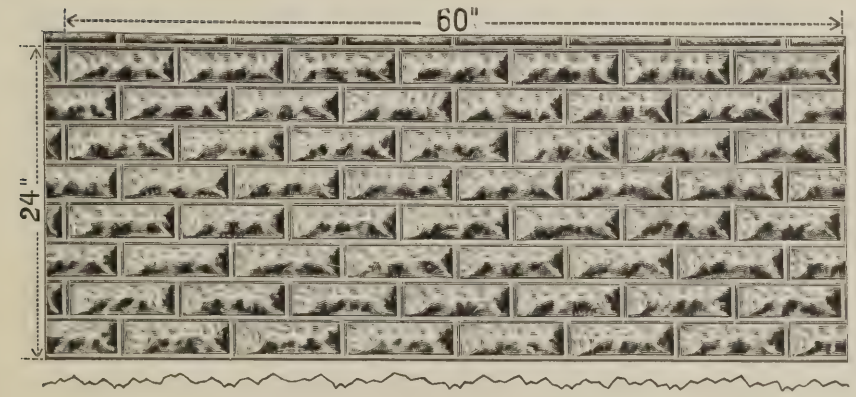
PRICE LIST.

No. 28 Painted Steel.....$4.25 Per Square
No. 28 Galvanized..... 6.25 " "

Discount. .....per cent.

Rock Face Brick Siding.

No. 70.



Sheets 24x60 inches. Size of each Brick, 2 11-16x8¼ inches.
10 sheets will cover a square.

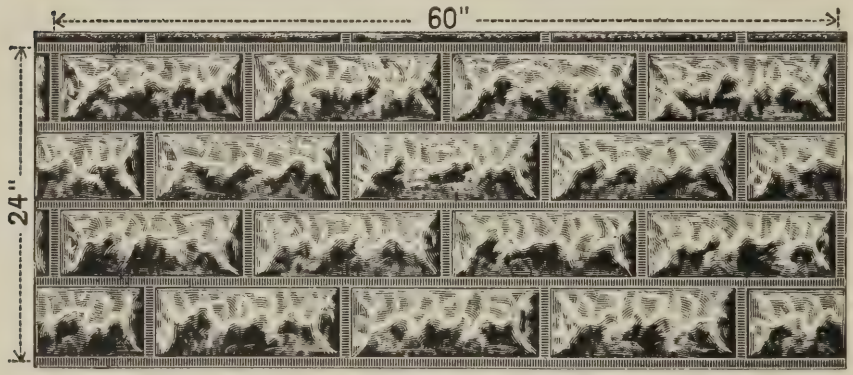
PRICE LIST.

No. 28 Painted.....$4.50 per square
No. 28 Galvanized..... 6.50 " "

Discount.....per cent.

Rock Face Stone Siding.

No. 71.



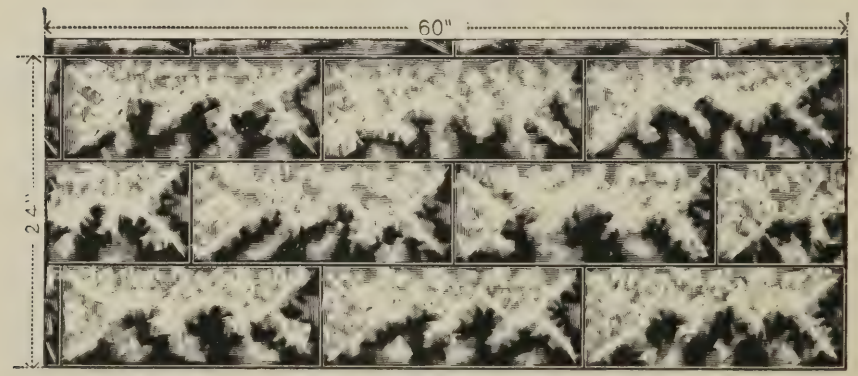
Size of Stone, 6 x 15 inches. Sheets, 24 x 60 inches, containing 10 sq. ft. each. 10 sheets will cover a square.

PRICE LIST.

No. 28 Painted ..... $5.00 per square.
No. 28 Galvanized ..... 7.00 " "

Discount.....per cent.

No. 72.



Size of Stone, 8 x 20 inches. Sheets, 24 x 60 inches, containing 10 sq. ft. each. 10 sheets will cover a square.

PRICE LIST.

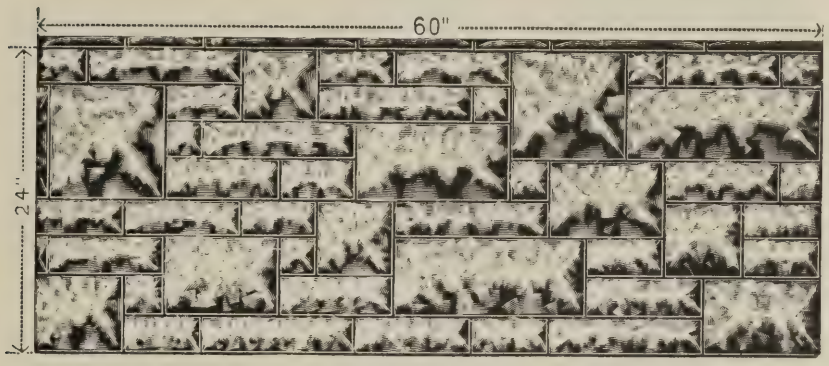
No. 28 Painted.....$5.00 per square.
No. 28 Galvanized..... 7.00 " "

Discount.....per cent.

Rock=Face Stone Siding.

Random Ashlar.

No. 73.



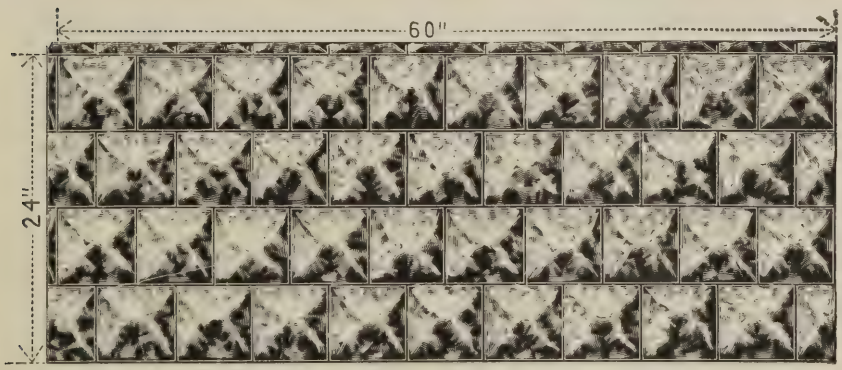
Size of sheets 24 x 60 inches containing 10 square feet each; 10 sheets will cover a square.

PRICE LIST.

No. 28 Painted.....$7.00 per square
No. 28 Galvanized ..... 9.00 " "

Discount.....per cent.

No. 74.



Size of stone 6 inches square, sheets 24 x 60 inches; 10 sheets will cover a square.

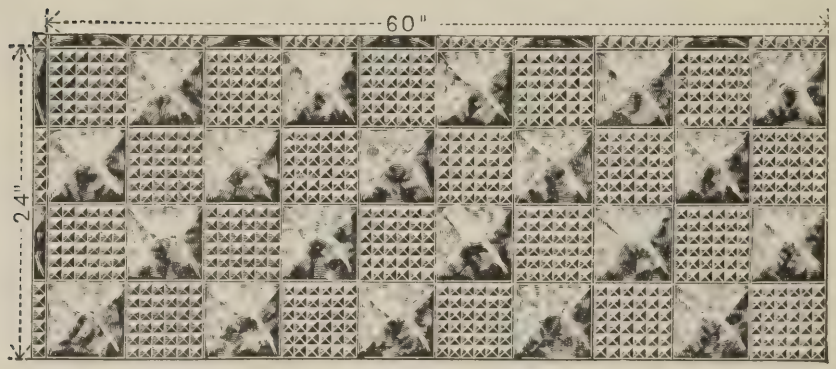
PRICE LIST.

No. 28 Painted.....$6.00 per square.
No. 28 Galvanized..... 8.00 " "

Discount..... per cent.

Rock Faced Stone Siding.

No. 75.



Size of Stone, 6 inches square. Sheets, 24 x 60 inches; 10 sheets will cover a square.

Used mostly for trimming in combination with other styles.

PRICE LIST.

No. 28 Painted.....$6.00 per square.
No. 28 Galvanized..... 8.00 " "

Discount.....per cent.

DIRECTIONS FOR APPLYING BRICK AND STONE SIDING.

1st. With spirit level and chalk line get the level of your building entirely around its base or top and strike a line corresponding thereto.

2nd. Place a full sheet of siding at one corner of the building, allowing the end to extend two or more feet past the corner so that the cross grooves are immediately over the corner, the lower edge of the sheets resting on the chalk line.

3rd. Nail the sheet fast to the wall through the grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at the middle of the sheet to nail and work towards ends and sides, putting nails two or three bricks apart. Never nail through the brick.

4th. Bend the projecting two feet around the corner (if projects) with the hands, or with a piece of board, using a mallet slightly to bring down any uneven places.

5th. Lay around the building until you meet the commencement. Place the first sheet of the second tier over the first so as to break joints perfectly as in brick work, letting the half groove at the bottom of the sheet lap over the first and fit closely in the half groove at the top of the first sheet.

6th. Window and door frames should not be put in until after the siding is on. But in case the frames are in, the Steel Siding may be applied and faced at doors and windows the same as for wood siding.

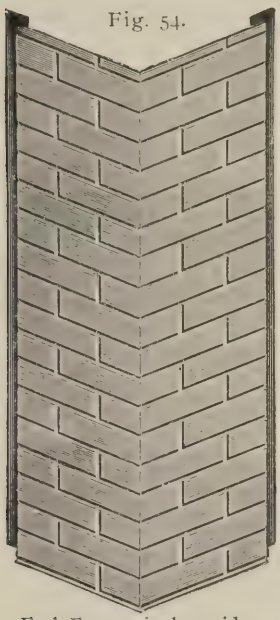
7th. At the windows and doors cut the sheets about three inches above the bottom sill, and the same distance from the side; then cut from the corner thus formed obliquely to the corner of the window or door space; bend the steel with the hands down upon the window sill and around the side of the studding, and nail it fast. The window frames fit in over these laps and show a complete brick finish.

Corner Finish.

Pilasters.

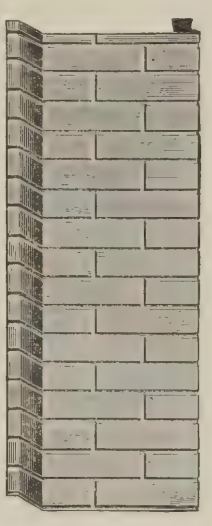
For Plain Brick Siding.

Fig. 54.



Each Face, 13 inches wide.

Fig 54A.



Face, 13 inches wide.

FOR ROCK-FACED SIDING.

Fig. 55.

Each Face, 13 inches wide.

Fig. 55A.

Face, 13 inches wide.

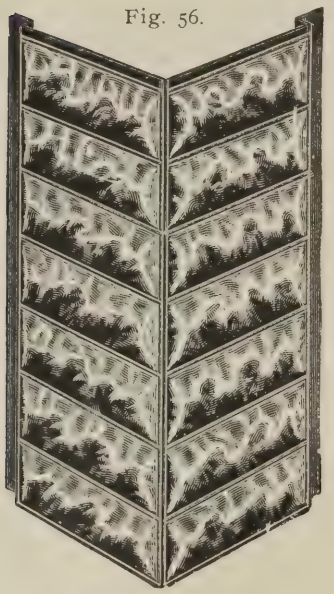
Price of Pilasters based on 4 inch projection, any other specified projection quoted on application.

For Price List see page 38.

Corner Finish. Pilaster.

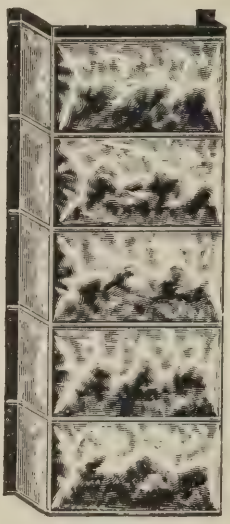
For Rock-Faced Stone Siding.

Fig. 56.



Each Face, 15 inches wide.

Fig. 56A.



Face, 15 inches wide.

PRICE LIST—Per Lineal Foot.

Corner Finish.	Painted.	Galvanized.
Fig. 54	16 cents.	24 cents.
Fig. 55	18 "	26 "
Fig. 56	22 "	30 "

Pilasters.	Painted.	Galvanized.
Fig. 54A	9 cents.	14 cents
Fig. 55A	12 "	18 "
Fig. 56A	15 "	22 "

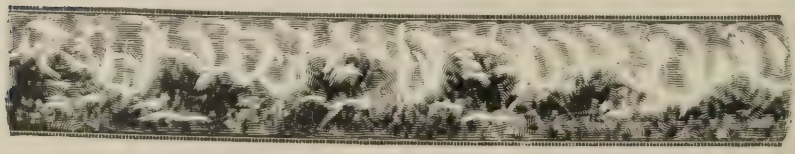
Discount.....per cent.

CONTINUOUS PATTERN ROCK-FACED STONE.

For Window Sills, Caps and Belt Courses.

Made any length wanted up to 10 feet.

Fig. 56B.

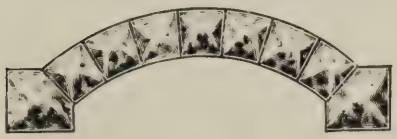


PRICE LIST—Net.

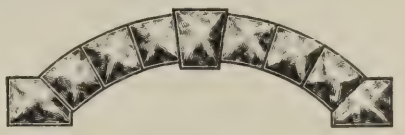
6 inches wide, Painted Steel					... 4½ cents.	Galvanized			6 cents.
8	"	"	"	"	.....6 "	"			8 "
10	"	"	"	"	.....7½ "	"			10 "
12	"	"	"	"	.....9 "	"			12 "

When applying Corner Finish, Pilasters, also Corner Stone for Sills, use wood backing corresponding in size to width of face projection.

Rock-Face Window and Door Caps and Sills.

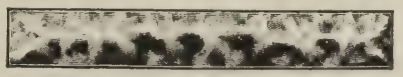


No. 120.
Face 8 inches, each, $2.50.



No. 121.
Face 8 inches, each, $3.00.

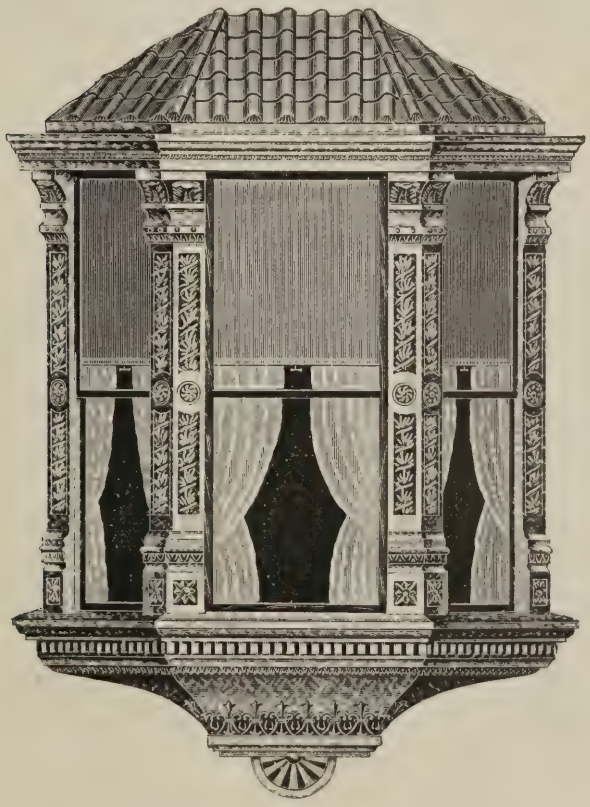
No. 122.
Face 6 inches, each, $0.75.



No. 123.
Face 8 inches, each, $1.00.

Bay Window.

Made of Galvanized or Copper.

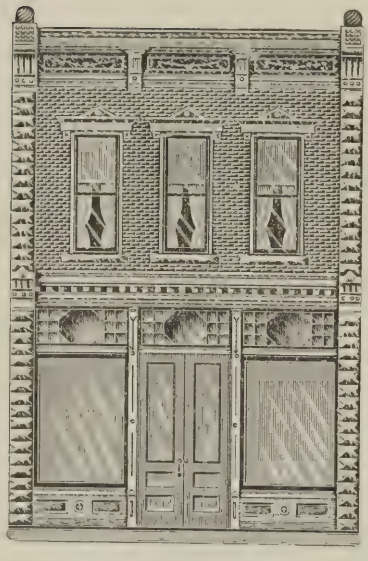


No. 900.

☞ Any other style made to order from drawings.
Price according to size and style.

Building Fronts.

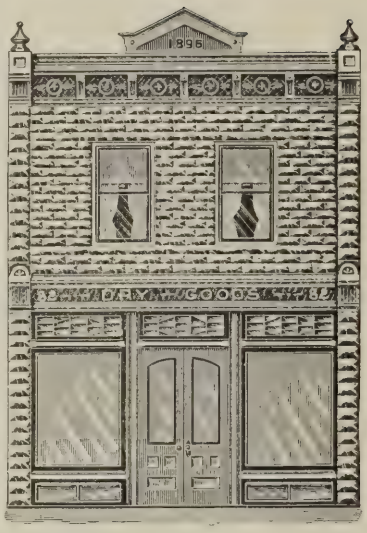
Made of Galvanized or Copper.



No. 58.—20 ft. wide.

Price { Galv. work only with Galv. columns } $100.00.

Price { Including cast iron sill and cast iron cols. } $200.00.

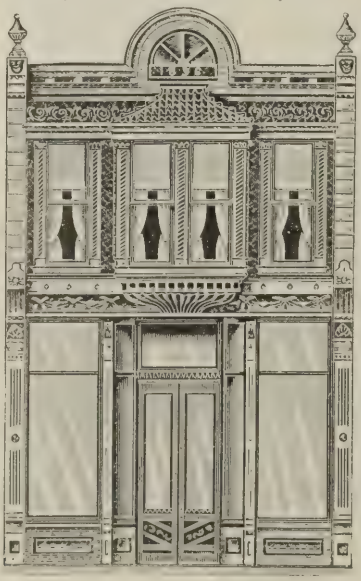


No. 60.—20 ft. wide.

Price { Galv. work only with Galv. columns } $100.00.

Price { Including cast iron sill and cast iron cols.. } $190.00.

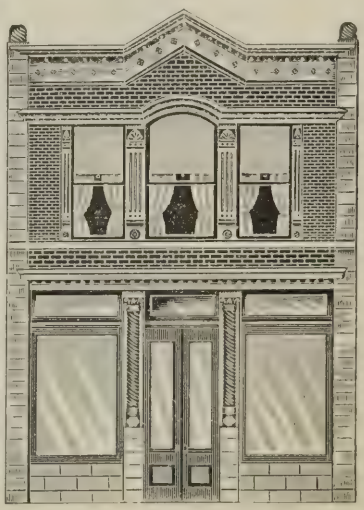
Cast Iron Columns 13 inches & 6 inches wide, 13 ft. long.



No. 61.—20 ft. wide.

Price { Galv. work only with Galv. columns } $175 00.

Price { Including cast iron sill and cast iron cols. } $325.00.



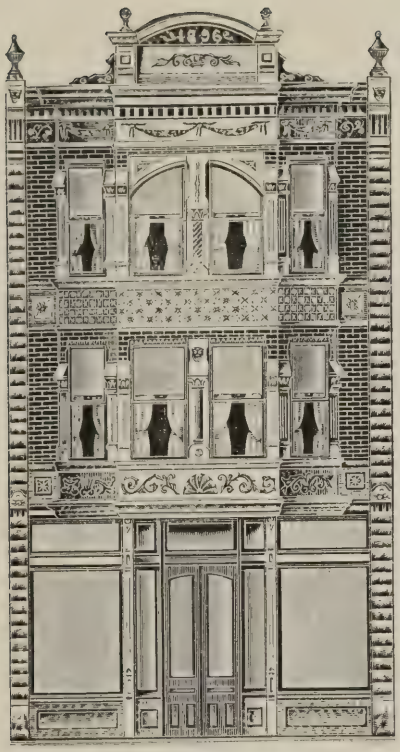
No. 62.—20 ft. wide.

Price { Galv. work only with Galv. columns } $115.00.

Price, with cast iron sill, $160.00.

Discount.....per cent.

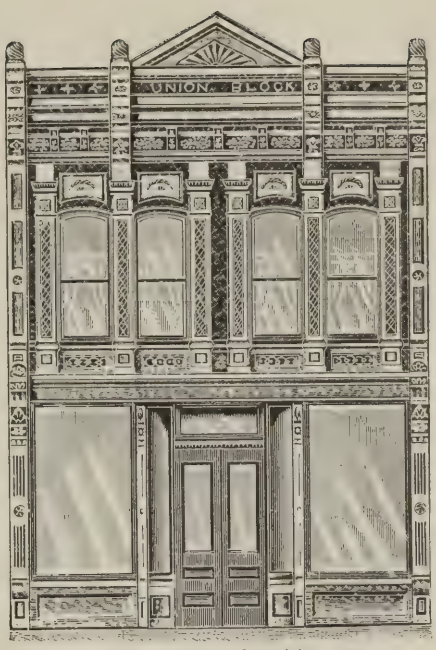
Prices for Galvanized work only include Galvanized Columns to imitate Cast Iron. Prices including Cast Iron Columns, also include a Cast Iron Floor Sill Course, 10 inches wide, full width of building.



No. 63.—20 ft. wide.

Price { Galvanized work only, with Galv. columns... } $315.00.

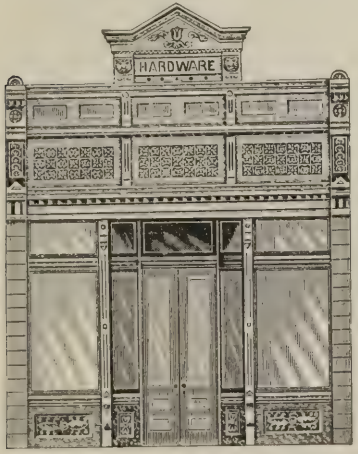
Price { Including cast iron sill and cast iron cols.. } $425.00.



No. 64.—20 ft. wide.

Price { Galvanized work only, with Galv. columns... } $275.00.

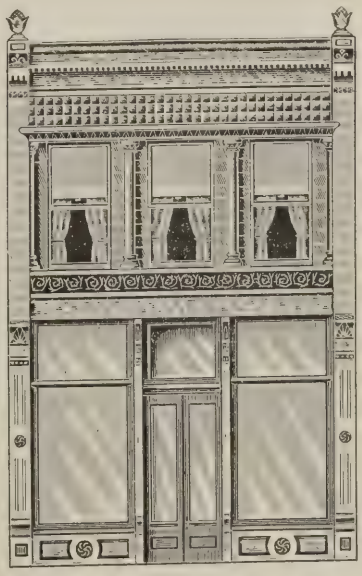
Price { Including cast iron sill and cast iron cols.. } $440.00.



No. 65.—20 ft. wide.

Price { Galvanized work only, with Galv columns... } $125.00.

Price { Including ca·t iron sill and cast iron cols. } $235.00.



No. 66.—20 ft. wide.

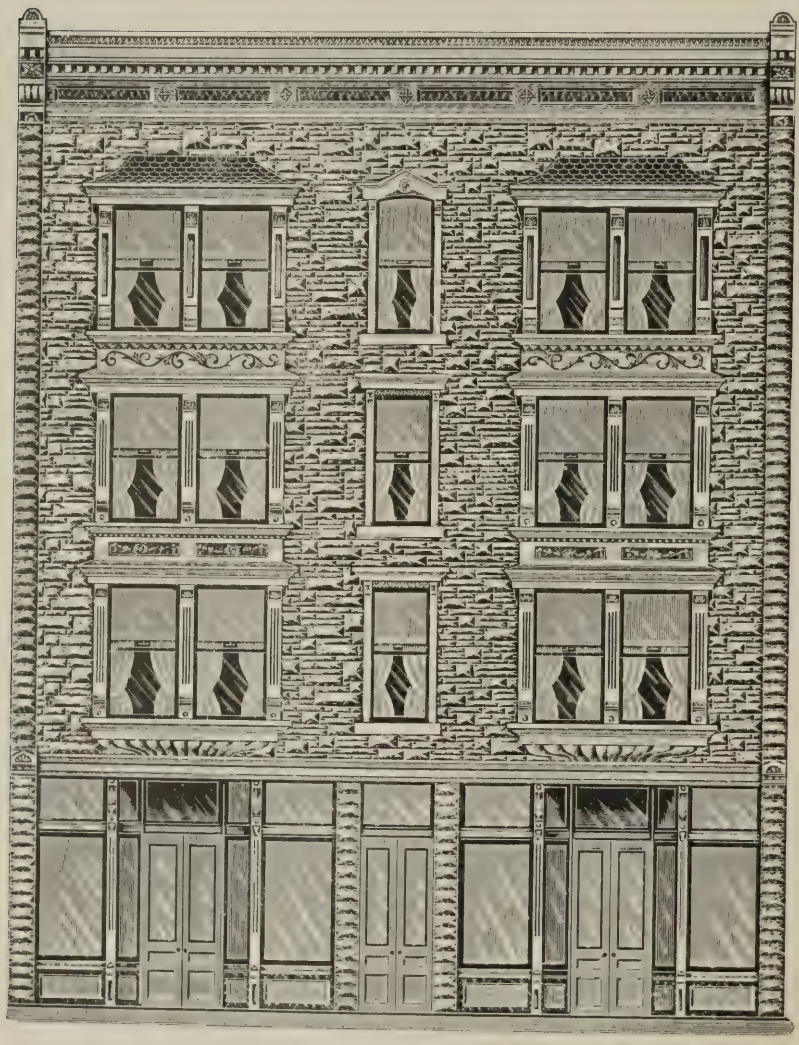
Price { Galvanized work only, with Galv. columns... } $150 00.

Price { Including cast iron sill and cast iron cols. } $325.00.

Discount.....per cent.

Random Ashlar Building Front.

Made of Galvanized Steel or Copper.



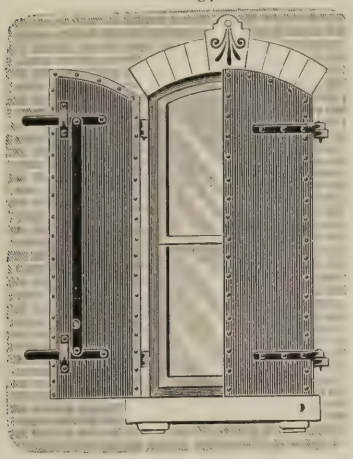
No. 67.—40 ft. wide.

			In Copper.
Price	Galvanized work only with Galvanized columns	$450.00.	....
Price	Including Cast Iron Sill and Cast Iron columns	$700.00.	.....

Discount.....per cent.

Fire-Proof Shutters and Doors with Fastenings.

No. 37.



Made of ⅞ inch tongued and grooved well seasoned white pine, battened with 3-16 inch band iron sunken flush with surface, all of which is then covered with beaded sheet steel or bright tin as wanted. When made to fit into window and door openings, they are provided with a 1 inch flange all round, and when constructed in accordance with underwriter's specifications, can be made to lap on face of wall as required.

When made of two thicknesses of well seasoned white pine, one thickness is applied diagonally to the other to stiffen, and then covered with sheet metal. When made to fit into window or door openings, are provided with a 1 inch flange to cover joints, or made without flange to lap on face of wall as desired. This style when covered with bright tin, with all seams securely locked and malleted down, makes the best known protection against fire, and when made to lap, the face of the wall conforms strictly with underwriter's specifications.

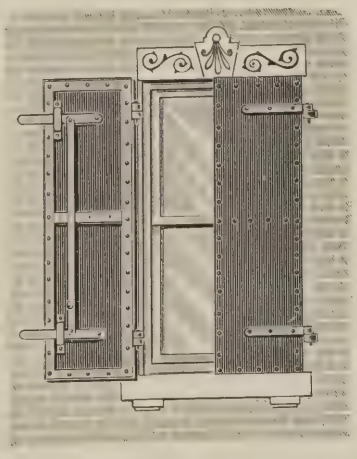
PRICE LIST.

	Per Square Foot.
Made with one thickness of wood covered	35c
With two thicknesses of wood covered....	40c

When covered with bright tin, add 3c to list prices. When covered with Galvanized, same price as when covered with tin.

Discount.....per cent.

No. 38.



Furnished with or without channel frame as desired.

Made of steel plate, No. 20 to No. 8 Gauge, stiffened with our patent Riveted Special Channel Steel Frame, which is lighter and stiffer than bar iron frame.

When ordered to be without frame, price will be lower accordingly.

☞When ordering, accurate specifications and dimensions must be furnished as indicated by diagrams. This is of great importance both to the buyer and to us.

PRICE LIST.

No. 14 Gauge with frame.....45 cts. per sq. ft.
No. 12 Gauge with frame.....50 cts. per sq. ft.

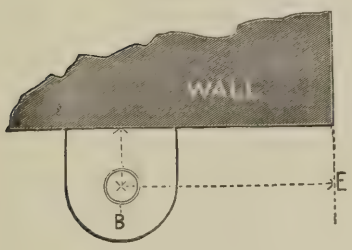
Discount.....per cent.

☞Cut No. 38 shows our old style Border. For new or channel style, see No. 40.

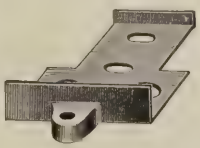
☞Special circular for Shutters and Rolling Blinds on application.

SHUTTER HINGE EYES.

No. 49.



No. 50.



FOR BRICK OR STONE.

Price, 25 cents each, net.

No. 52.

FOR WOOD.

Price, 20 cents each, net.

No. 52A.

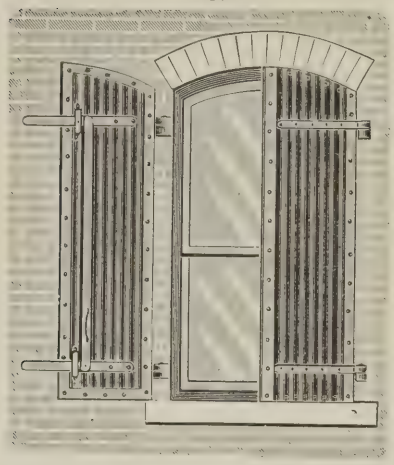
FOR WOOD CASING.

Price, 20 cents each, net.

Corrugated Shutters and Doors.

Cheap, Strong and Good.

No. 39.



Made of No. 18 gauge and lighter, stiffened with our patent riveted channel steel frame, solid at corners, making the lightest, strongest and best constructed shutter in the market. For our new style or channel steel frame, see No. 40.

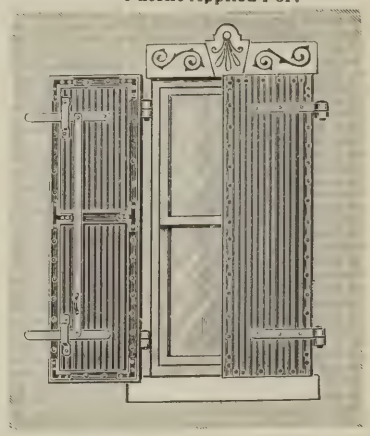
PRICE LIST—Per Square Foot.

	Galv.
No. 18 Gauge with channel frame 35cts	38cts.
" 20 " " " " 33 "	35 "
" 22 " " " " 30 "	33 "

Discount.....per cent.

No. 40.

Patent Applied For.



Channel Steel Frame with Solid Corners.

The advantages of this kind of frame are that it combines minimum lightness with the greatest stiffness, and the corners having a tightly fitted maleable piece, double-riveted, provides as great strength as welded iron frames; also this groove and channel frame provides for a more secure fastening of locking devise, we apply this kind of frame to all our plate and corrugated shutters, except when otherwise specified.

FOR STEEL DOORS AND SHUTTERS.

Fig 47.

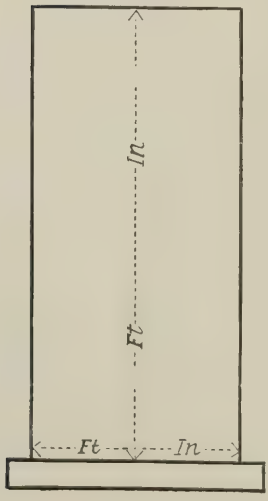
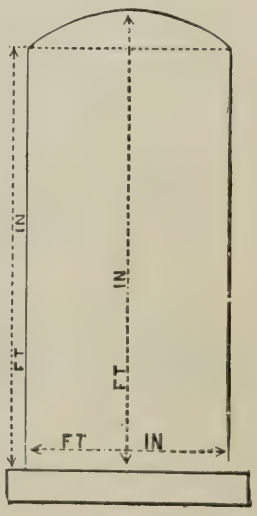


Fig 48.



Paneled Steel Shutters & Fire Doors.

Stamped Face. Beautiful and Substantial.

Tested and Approved by the Underwriters.

Our construction is fully shown on page 4.

The Stile or frame of Shutter is of dry white pine, 1⅜-inch thick. In this a groove is sawed, and a piece of hoop iron inserted, after which the wood is entirely covered with metal which not only strengthens, but fully protects it from fire.

The panels are then nailed through the metal into the wood, the clout nail clinching on the hoop iron (see illustration of next page), making it impossible for fire to work it out.

The entire space between the panels is filled with asbestos.

We would also call your attention to our New Automatic Hinge, which is not only self-closing, but the catch is adjustable so that shutters can be held open at different angles.

The hinge is strong and substantial and is attached to the wall by expansion bolts, two to each hinge.

OFFICE OF
Ohio Inspection Bureau,
Board of Trade Building.
J. W. COCHRAN, MANAGER

Columbus, O., October 26th, 1895.

-:- Fire Shutter--Steel Rolling Blind -:-

Gentlemen:-

After having thoroughly examined the construction of your Fire Shutter and witnessing several tests of same, we have no hesitancy in recommending it as valuable for the purpose intended.

Your Patent Steel Rolling Blind is the best device of its kind that we have seen so far: It can be used for a number of purposes and will serve as an excellent substitute for the fire shutter when used on buildings not seriously exposed.

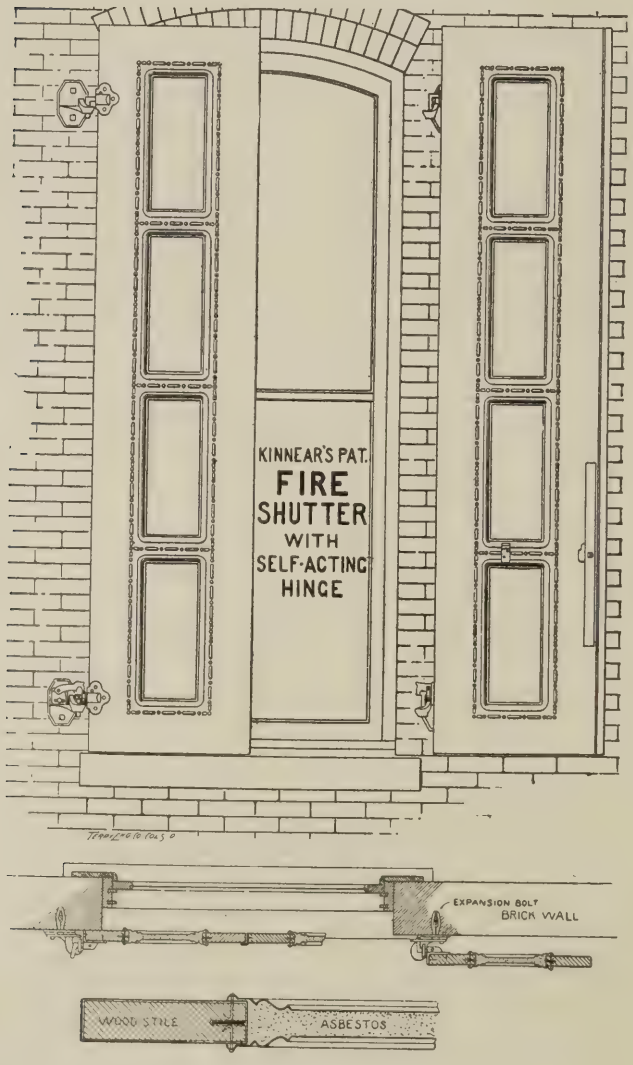
Yours very truly,

J. W. Cochran

Manager.

Asbestos Filled Steel Shutters and Fire Doors.

Ornamental and Durable.



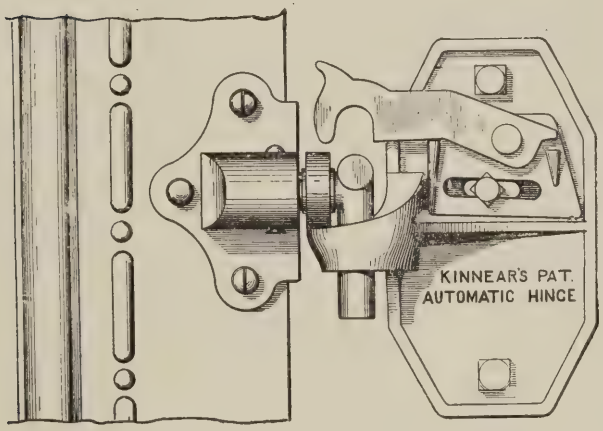
PRICE LIST.

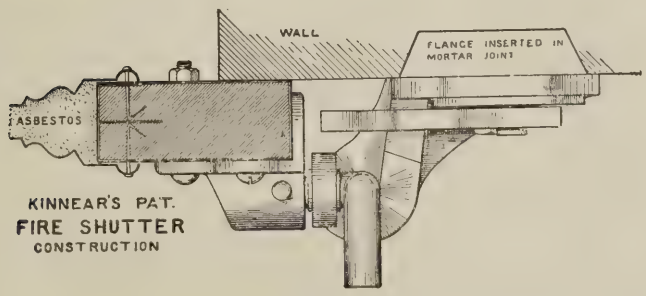
Per square foot..... ....50 cents.

Discount.....per cent.

Shutter Hinge.

No. 92.





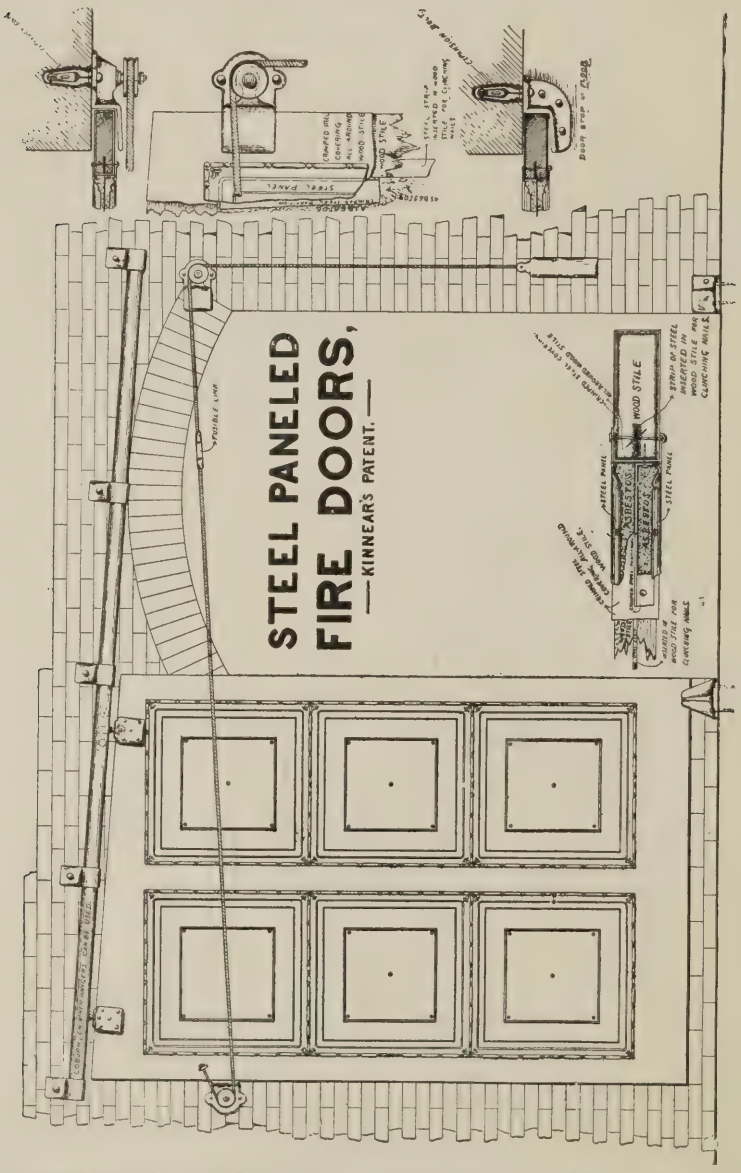
A flange projects on the back of the hinge which rests on the brick and is inserted in the mortar joint, so that the entire weight of the shutter rests on the brick wall. The shutters are made from two to three inches wider than the opening. See detail.

In sending dimensions, give us the height from top of window sill to under side of cap, and exact distance between brick jams, with number of openings for which shutters are wanted, and we will quote you a price.

PRICE LIST.

Automatic Hinge complete, each.....50 cents net.

No. 91.



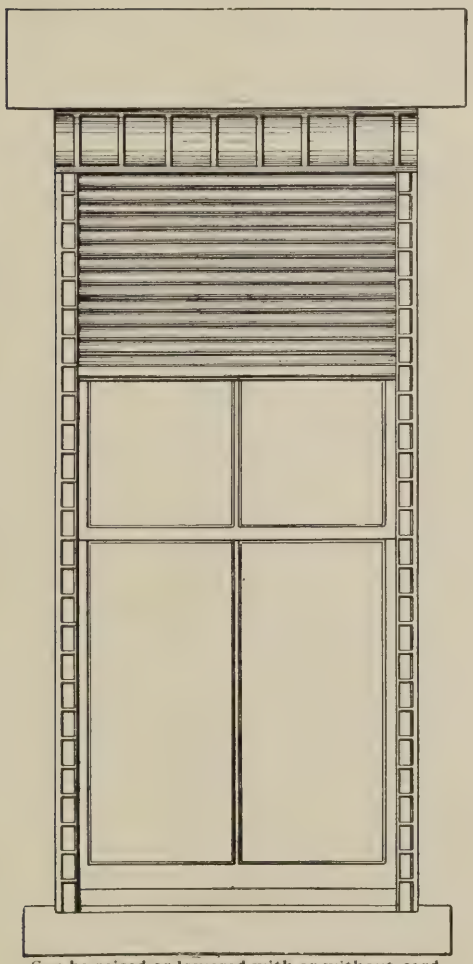
Our Fire Doors are made two inches thick, are paneled both sides, and have a metal partition in center. The spaces both sides are filled with Asbestos. All nails exposed are clinched on the inserted piece of hoop iron secreted in the wood stile. The track has an incline of three-quarters of an inch to the foot, and is attached to the wall by expansion bolts. If desired, hinges can be used.

Write for prices, stating number of doors wanted and give size of openings.

Rolling Steel Shutter Doors and Partitions.

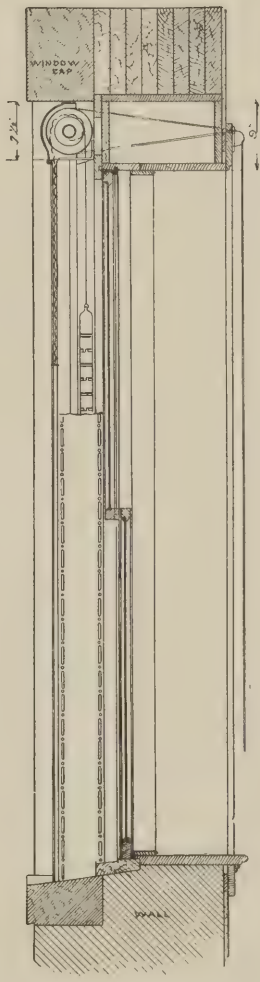
To Fit Any Opening.

No. 93.



Can be raised or lowered with or without cord.

No. 94.

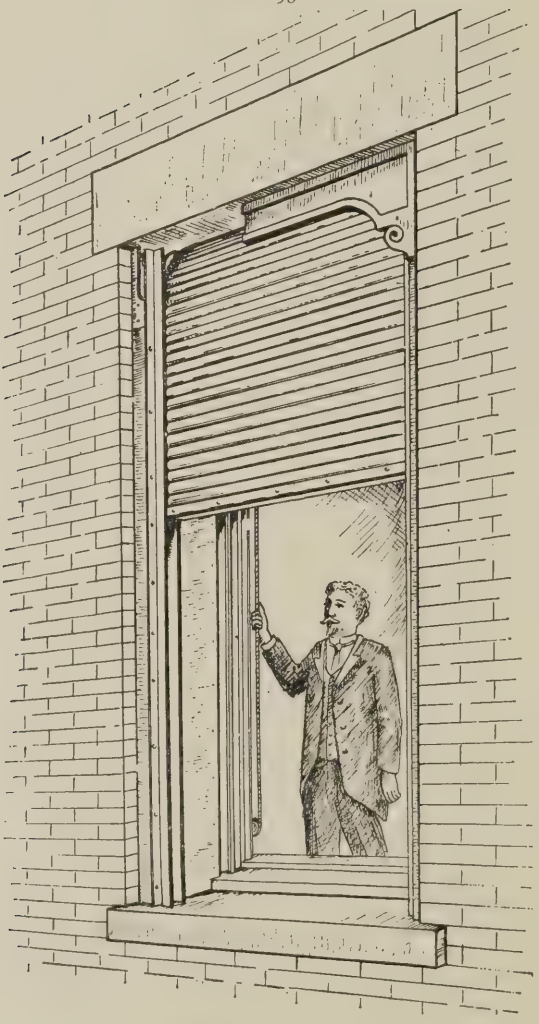


It can be placed on any kind of a building; building does not have to be changed or remodeled to receive it; no springs to get out of order; a child can operate it; its weight is self-balancing; your own mechanics can put it in place; it is balanced at any point by our hinged equalizing weight; the slats are 1½ and 2 inches wide; each slat is hinged its full length; suitable for shutters and can be raised or lowered from the inside of building without raising the sash; a ten-foot curtain is only 5½ inches in diameter when rolled up; it is the best rolling partition on the market; can be arranged for any style of frame or opening; guaranteed best on the market.

Rolling Steel Blind.

Kinnear's Patent.

No. 95.



As easily operated as ordinary curtains.

PRICE LIST.

Per square foot.....75 cents.

Discount..... .....per cent.

☞For Rolling Partitions it can not be surpassed, and is made in any length up to 100 feet and any height desired. Can be raised or lowered either with or without cord.

Instructions for applying furnished with first order.

Gauge and Weights.

The U. S. Standard Gauge, established by Congress March 3d, 1893, is the only authorized Gauge for Sheet and Plate iron and steel in the United States.

As it is not practicable to always roll the sheets to exact thickness, owing to the wear and expansion of the rolls from heat, the law provides that a variation of two and one half per cent. either way shall be allowed.

U. S. STANDARD GAUGE,

Weight Per Square Foot, Flat, Not Painted.

Gauge No.	28	27	26	24	22	20	18	16
Black, in pounds	.62½	.68¾	.75	1.00	1.25	1.50	2.00	2.50
Galvanized, in ounces	12½	13½	14½	18½	22½	26½	34½	42½

APPROXIMATE WEIGHT
ROOFING, SIDING AND CEILING.

Per Square (100 sq. ft.,) Painted and Formed, as Sold.

Gauge No.	28	27	26	24	22	20	18	16
Black, painted, in pounds	70	77	84	110	138	165	220	275
Galvanized, not painted, in lbs	86	93	99	127	154	182	236	291

Shipping weight when in crates 5 to 7 pounds more per square.

Rules of Measurement

In Selling Sheet Metal Building Material on Which all Quotations are Based.

All Iron and Steel Roofing, Siding, Ceiling, except in Galvanized, Kalamined and Tin Plate, is painted both sides, unless otherwise ordered, and sold by **The Square,** or **Square Foot,** except Heavy Gauge Corrugated Iron and Steel, which is sold by the square or pound, as preferred.

A Square consists of 100 square feet, calculated by the following rules:

Corrugated Iron and Steel.—Full width and length of sheets, after corrugated or formed, is calculated.

V Crimped, Beaded, Weatherboard and Imitation Brick, (Iron and Steel.)—Full length of sheets and actual covering width is calculated.

Standing Seam Steel, Iron and Tin Roofing.—Actual covering width and full length is calculated, whether the sheets are connected by end-locks and shipped in rolls, or separate and shipped in crates.

Wide Gutters and Valleys.—Full width and length of material is calculated.

Nails, Clips and Rivets, Wood Strips, Dry Paint, Cement and Ready Mixed Paints are sold by the pound, gallon or square, (the amount generally required in applying a square). They are not included in the price quoted for the Roofing, Siding and Ceiling, but when furnished are charged as separate items.

Ridge Roll, Ridge Cap, Corrugated Wood Strips, Corner Boards, Panel Strips, Window and Door Case Coverings, Mouldings, Stilings, Eaves Trough, Conductor Pipes, Etc., are sold by the lineal foot, and charged as separate items when furnished. They are not included in prices quoted for Roofing, Siding and Ceiling.

Roofer's Rules for Measuring.

Completed Wook After Applied to Buildings.

Plain Roofs.—Measure the length, including the amount turned up or down at each end or gable, and multiply by the distance from eave to eave, including the material used in the ridge seam, and the material lapped, either up or down, at eaves.

Roofs with Hips, Valleys, Dormers, Etc.—Measure each section through the center horizontally, and multiply the length of the strip of metal at center, and in addition to the actual surface of the roof, measure the length of hips and valleys by one foot wide. The extra measure of hips and valleys is to compensate for extra labor and loss of material in cutting, fitting and laying the same.

Make no **Deduction** for any opening, chimneys, stacks, skylights, dormer windows or ventilators, unless such opening measures more than 50 square feet. If more than 50 square feet, and not more than 100 square feet, deduct half the size of the opening; if more than 100 square feet, deduct the full size of opening.

The rule is based on the fact that the waste of material and extra work in cutting and fitting the material for flashing such openings is equal to or greater than the value of the material cut out.

Flashing.—The labor of flashing pipes and Round stacks, whether brick or iron, is charged extra; no charges made for flashing ordinary chimneys.

Gutters and Valleys.—Multiply full length by full width.

Siding.—Multiply full length of each section by the height.

Make no Deductions for any window, door or other opening, unless the same measures more than 10 square feet, when not more than 25 square feet, deduct one-half; when more than 25 square feet, deduct all such openings, except when the wood casings to the windows, doors and other openings are to be covered with iron or steel; in such instances, no deductions for openings in sidings are made.

Gables are estimated by contents of gables, multiplying the width by one-half the height.

Corner Strips are charged by the lineal foot.

Cornice is charged extra by the lineal foot in all instances.

Eaves Trough and Conductor Pipe.—Measure the entire length, and add three feet extra for each mitre, shoe or other angle.

Flashings.—Measure all material used necessarily, including unavoidable waste, except where no deductions are authorized for openings.

Ceilings.—Multiply the length of each section by the width; separate mouldings, panel division strips, stilings, cornices and friezes are calculated by the lineal foot, extra; rosettes and other ornaments are charged by the piece; painting other than first coat, is always charged extra. Make no deductions for any opening measuring less than 10 square feet; if more than 10 square feet, deduct full size.

Domes, Spires, Doors, Etc.—Measure all material necessarily used, including waste; charge for it at its value, together with cost of labor applying the material at wages agreed upon.

Scaffolding.—Where scaffolding is necessary, the customer is to furnish all necessary materials for same free of charge, and the roofer is to construct the scaffold free of charge for his labor.

Time unavoidably lost by workmen waiting, for the building to be ready for the sheet metal work, after date required to commence, is to be paid for by the customer.

Slip Joint Eaves Trough.

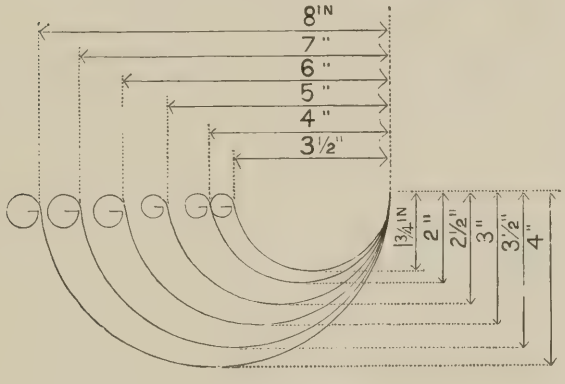
(Wock Patents, Nov. 28, 1889, and Aug. 12, 1890.)

Standard Formation, Strongest and Best in Quality.

In 10 feet sections, without cross seams. No solder required.

DIAGRAM OF SIZES,

Showing Style of our Standard Bead and depth of Trough.



PRICE LIST.

Galvanized, No. 28 Gauge, 10 feet Lengths.

				Per foot.
3	inch,	½	inch bead	14 cts.
3½	"	½	" "	15 "
4	"	½	" "	17 "
5	"	½	" "	20 "
6	"	⅝	" "	24 "
7	"	⅝	" "	28 "
8	"	⅝	" "	31 "

Terne Plate, Redipped, 10 foot Lengths.

				IX per ft.	IC per ft.
3	in.,	½	in. bead	10 cts.	9 cts.
3½	"	½	" "	11 "	10 "
4	"	½	" "	12 "	11 "
5	"	½	" "	14 "	13 "
6	"	⅝	" "	16 "	15 "
7	"	⅝	" "	18 "	17 "
8	"	⅝	" "	21 "	20 "

For IXX Terne Trough, use Galvanized list.

Discount { Galvanized.....Per cent. / IX Terne..... " " / IC Terne..... " "

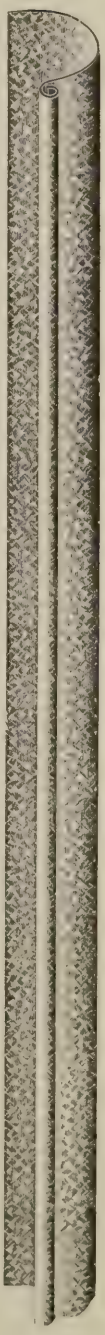
When ordering Slip Joint Trough, state whether right or left hand is wanted, otherwise half right and half left will be shipped.

For Standard Double Bead Trough add 3 cents per foot to the above list prices. Standard Double Bead Trough has 2 inches more girt than Single Bead of same size.

A case of trough consists of 25 pieces, half right and half left, unless otherwise ordered.

Cases 25 cents each. Crates at cost.

Lap Joint Eaves Trough.



Made of Galvanized and Redipped Terne Plate.

PRICE LIST.

More perfect in form and strength of bead than any other.

	Galvanized, No. 28 Gauge, Per Foot.	IX Terne Plate, Per Foot.	IC Terne Plate, Per Foot.
3 inch, (6 inch girt)	13 cents	9 cents	8 cents.
3½ " (7 " ")	14 "	10 "	9 "
4 " (8 " ")	16 "	11 "	10 "
5 " (10 " ")	19 "	13 "	12 "
6 " (12 " ")	23 "	15 "	14 "
7 " (14 " ")	27 "	17 "	16 "
8 " (16 " ")	30 "	20 "	19 "

A case consists of 25 pieces. Cases 25 cents each. Crates at cost.

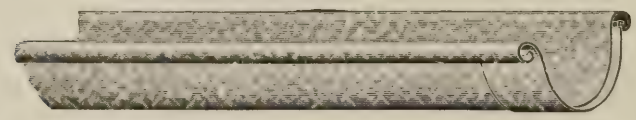
HEAVY GAUGES.

For No. 27 Gauge, add 1 cent per foot to list price of No. 28 Gauge.
For No. 26 Gauge, add 2 cents per foot to list price of No. 28 Gauge.
For No. 24 Gauge, add 6 cents per foot to list price of No. 28 Gauge.
Nos. 22, 20 and 18 Gauges quoted on application.

Copper Trough Quoted on Application.

☞We always ship Galvanized Trough with Slip Joint and Terne Plate with Lap Joint unless otherwise specified.

Standard Double Bead Trough.



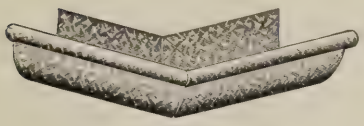
Price, add 3 cents per foot to list price of Single Bead of same size.

Discount { Galvanized. .....Per cent.
IX Terne Plate..... " "
IC Terne Plate..... " "

Double Bead Trough either Slip or Lap Joint is always right and left within itself.

☞ **The only firm prepared to form and bead heavy gauge materials.**

Mitres.



OUTER CORNER MITRE.

INNER CORNER MITRE.

Galvanized and Redipped Terne Plate Slip Joint and Lap Joint Mitres kept in stock.

PRICE LIST.

	Galvanized.		Terne Plate.	
	Slip Joint.	Lap Joint.	Slip Joint.	Lap Joint.
3 inch, per dozen, net	$2.75	$2 25	$2.35	$1.85
3½ " " "	3.00	2.50	2.50	2.00
4 " " "	3.25	2.75	2.75	2.25
5 " " "	3.50	3.00	3.25	2.75
6 " " "	4.00	3.50	3.50	3.00
7 " " "	4.75	4.25		
8 " " "	5.50	5.00		

For Double Bead Mitres, add 50 cts. per doz. to above prices.

☞When ordering Slip Joint Mitres, state whether right or left hand is wanted, and whether for "inner" or "Outer Corner," otherwise half rights and half lefts and half "Inner" and half "Outer Corner" mitres will be shipped.

Slip End Caps and Drops.

A—Is a 12 inch section of Trough, with Drop (C) soldered on and the Slip Joint and End Cap (B) in place.

B—Is a Slip Joint End Cap which requires no solder.

C—Is a Drop or Outlet.

PRICE LIST.

Size.	A complete.	B.	C.
2 inch, per dozen, net		$ .30	
2½ " " "		.33	
3 " " "		.36	
3½ " " "	$1.20	.39	$ .48
4 " " "	1.35	.42	.54
5 " " "	1.50	.48	.60
6 " " "	1.85	.60	.72

☞We furnish end sections, A complete for 3½ and 4 inch Trough with a 2 inch drop C.

For 5 inch Trough with 3 inch drop.

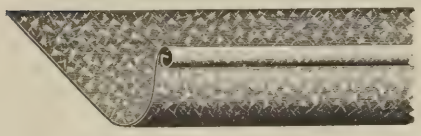
For 6 inch Trough with 4 inch drop.

Plain Roof Gutters.

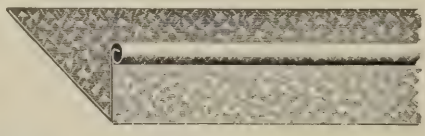
Made of Galvanized, IX Terne Plate and Copper.

Nails used in fastening are not exposed.

☞ **In ordering always Specify exact pitch of roof.**



STYLE A.



STYLE B.

PRICE LIST.

Ten Feet Lengths.

	No. 28 Galvanized.
14 inch Girt, ⅝ Bead, per foot	35 cents.
20 " " ⅝ " "	50 "
24 " " ⅝ " "	60 "

Prices on Copper and Galvanized in 18 Gauge or lighter quoted on application.

Discount, Galvanized.....Per cent.

☞ Stays for Hanging Gutter, each, net, 3 cents.

Quarter Circle, O. G. and Box Gutters.

Lap Joint Only, in 10 Feet Seamless Lengths.

The following styles kept in stock. Can furnish any other style wanted. And in any gauge not heavier than No. 18. Beads ½ to 1¼ inch and larger when so ordered.

PRICE LIST.

STYLE C.

Size.	Depth.	Girt.	No. 28 Galvanized.
5 inch	3½ inch	12 inch	30 cents per foot.
6 "	4½ "	14 "	35 " "
7 "	4¾ "	16 "	40 " "

STYLE D.

Size.	Depth.	Girt.	No 28 Galvanized.
6 inch	4 inch	15 inch	37 cents per foot.
7 "	5 "	18 "	45 " "
8 "	5¾ "	20 "	50 " "

STYLE E.

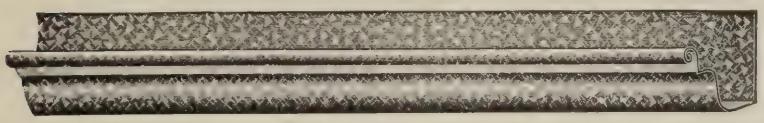
Size.	Depth.	Girt	No. 28 Galvanized.
6 inch	4½ inch	15 inch	37 cents per foot.
7 "	5½ "	18 "	45 " "
8 "	7 "	22 "	55 " "

Quotations for Copper Gutter furnished on application.

Quarter Circle, O. G. and Box Gutters.—Continued.

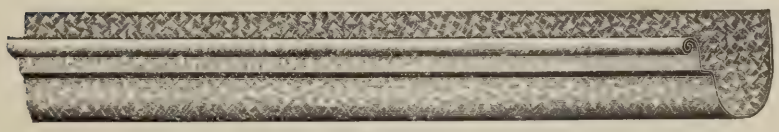
STYLE F.

Size.	Depth.	Girt.	No. 28 Galvanized.
6 inch	5½ inch	18 inch	45 cents per foot.
7 "	6 "	20 "	50 " "
8 "	7 "	22 "	55 " "



STYLE G.

Size.	Depth.	Girt.	No. 28 Galvanized.
6 inch	5½ inch	18 inch	45 cents per foot.
7 "	6½ "	20 "	50 " "
8 "	7 "	22 "	55 " "



STYLE H.

Size.	Depth.	Girt.	No. 28 Galvanized.
6 inch	4 inch	14 inch	35 cents per foot.
7 "	4¼ "	16 "	40 " "
8 "	5½ "	18 "	45 " "

STYLE J.

Size.	Depth.	Girt.	No. 28 Galvanized.
6 inch	5¾ inch	18 inch	54 cents per foot.
7 "	6½ "	20 "	60 " "
9 "	8 "	24 "	72 " "

Discount { Galvanized.....per cent.
IX Terne Plate..... "
IC Terne Plate..... "

For prices for Heavy Gauges, add to list for No. 28, for No. 27 1 cent; No. 26, 2 cents; No. 24, 6 cents; Nos. 22, 20 and 18 Gauges quoted on application.

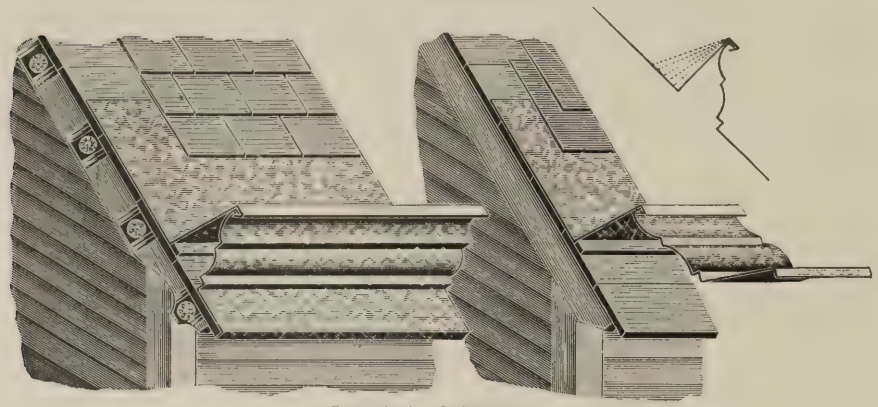
☞ Back of Gutter same height as Beaded side. For higher Back, add 2 cents per foot to list prices for each additional inch of girt.

☞ When ordering, use figures and style letters in this catalogue.

Belding's Ornamental Roof Gutter.

Stop Gutter and Moulding Combined.

(PATENT APPLIED FOR.)



Beautiful. Substantial.
Guaranteed Satisfactory. Endorsed by Architects and Builders.

Made in best quality Galvanized and Terne Plate, in 10 ft. lengths, and of Copper in 8 ft. lengths, 12 in. to 30 in. wide, in two sections, adjustable and expanding. Quicker and more easily applied than any other. Any fall desired. Will not leak. Cheaper than wood or other Gutter. Is continuous, extending under the slate, tin or shingles, as shown in the cut.

Directions for Applying to Obtain Necessary Fall.

Commence at lower point of fall, and lap each additional section one inch or more. At end of Gutter where outlet is wanted, measure from the eave up the roof a distance corresponding to the width of lower section of Gutter, and nail one end of a plastering lath with its upper edge at point ascertained by measurement. The fall is obtained by nailing the lath continuously toward the opposite end, which for large size Gutter should be 2 inches farther up the roof than the lower end. Then attach both sections of the Gutter as shown in the cut, and place the upper section of the Gutter over and against the upper edge of the lath; then nail the Gutter along the upper edge, and draw edge of lower section down over eave and nail to edge of eave board. Where the distance water is to be carried is great, the fall must be divided and water discharged into pipes at opposite ends of roof, or from a pipe at center. **Select size according to size of roof.**

To Apply Without Using Lath.

Stretch a chalk or other line at points described for locating lath, and place lower edge of upper section against line and nail securely at upper edge; remove the line, unite the lower sections with upper, draw edge of lower section down over eave, and nail to edge of eave board. When the Gutter has been put in place as described, solder thoroughly all cross joints, and apply one or two coats of good paint to the entire Gutter before applying the roof. The seam formed by uniting upper and lower sections may be closed by squeezing, if desired.

When pitch of Roof is given, we can furnish mitres for hips and valleys, also pieces for closing ends of Gutter, at reasonable prices.

PRICE LIST.

Size.	Face Apron.	Depth.	Gutter Apron.	No. 28 Galvanized.
12 inch girt.....	1½ inch	1½ inch	5½ inch	Per lineal foot, 30 cents.
15 " "	2 "	2 "	6 "	" " " 37 "
20 " "	2 "	3 "	8 "	" " " 50 "
24 " "	3 "	3½ "	9½ "	" " " 60 "
28 " "	5 "	3½ "	11 "	" " " 70 "
30 " "	5 "	4 "	12 "	" " " 75 "

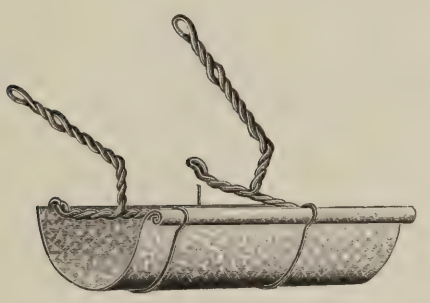
Discount..... per cent.

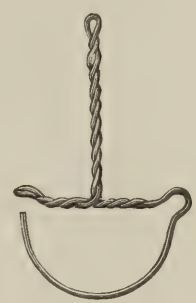
Prices on Terne Plate, Copper Gutter and heavier gauge Galvanized quoted on application. Also Copper Gutter with Galvanized Apron quoted on application.

THE STANDARD

Wire Eaves Trough Hanger.

Patented October 26, 1888.





Guaranteed the Best Wire Hanger made.

No solder required. Four pounds solder and five hours' labor saved on each gross.

Cheap, strong, nice and reliable. Easily applied. Cannot get out of place. Always satisfactory.

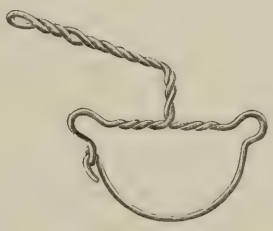
☞In ordering state size of bead, otherwise ½ inch will be sent.

PRICE LIST.

												Net.
3	inch, for	⅜, ½ or ⅝	inch	bead,	made	from	No. 11	Galvanized	wire	per gross,		$2.00
3½	"	" ⅜, ½ or ⅝	"	"	"	"	"	"		"		2.25
4	"	" ⅜, ½ or ⅝	"	"	"	"	"	"		"		2 50
4½	"	" ⅜, ½ or ⅝	"	"	"	"	"	"		"		2.75
5	"	" ⅜, ½ or ⅝	"	"	"	"	"	"		"		3.00
6	"	" ⅜, ½ or ⅝	"	"	"	"	"	"		"		3.25

☞We are sole manufacturers of the Standard Hangers, and owners of patent for same. Imitations of this Hanger, faulty in construction, are now on the market. They are an infringement on our patent. Buyers are hereby notified accordingly.

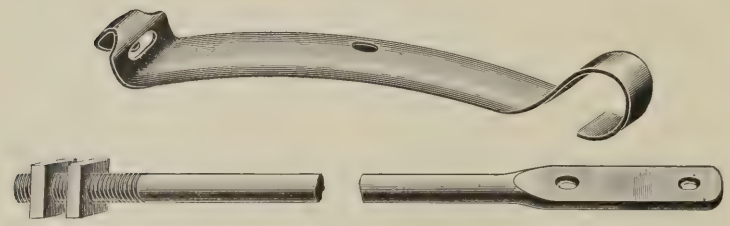
Double Bead Wire Hangers.



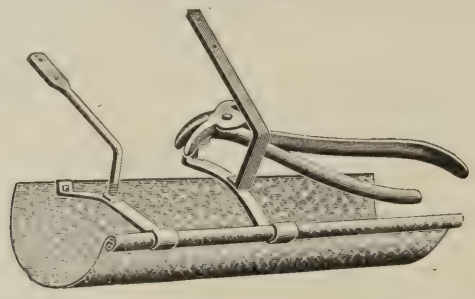
Price same as for single bead hangers.

OUR ACME ADJUSTABLE
Steel Eaves Trough Hanger.
IS ALSO A BRACE.

(Patented.)



Guaranteed nicer and stronger than any other in use, and not to slip in clinching and more quickly applied. Made of No. 18 Gauge Steel, arched and flanged; does not catch drift. Coated with indestructible enamel. No solder required. Four pounds of solder and five hours' labor saved on each gross. The flange prevents the lower nut from becoming loose. Our Improved Tongs and Wrench Combined are universally acknowledged superior to all others.



Showing the Hanger Applied. Sizes are taken inside of Bead.

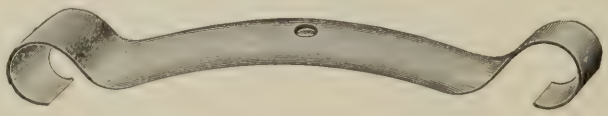
PRICE LIST TO THE TRADE.

	With Rods and Nuts Complete.	With Tinned Cross Bars.	With Straps Riveted to Cross Bar.	With Strap and Cross Bars Tinned.
3 inch, Japanned..... per gross,	$3.75	$4 25	$3.50	$4 00
3½ " " ..... " "	4.00	4.50	3 50	4 00
4 " " ..... " "	4.25	4 75	3.75	4.50
4½ " " ..... " "	4.35	4.85	3.85	4.75
5 " " ..... " "	4.50	5.25	4.00	5.00
6 " " ..... " "	5 00	6 00	....	....
7 " " ..... " "	6.00	7.00	....	....
8 " " ..... " "	8.00	9.00	....	....

Hanger Tongs, each, net, 40 cents; Rod Bender, 75 cents; Hoisting Pulleys, $1.00.

State size of Bead and whether Rods or Straps are wanted. Rods and Nuts always sent with Hangers unless otherwise ordered. Size taken between edge and inside of Bead.

DOUBLE BEAD ACME HANGERS.

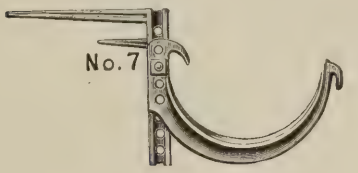


Price same as for Single Bead Hangers.

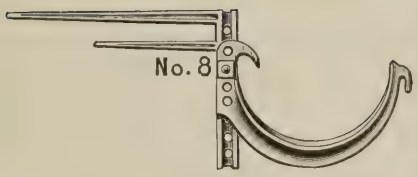
Gutter Hangers.

The only perfect open gutter Hanger in existence.

Patented October 13, 1869; August 11, 1885; July 6, 1886.

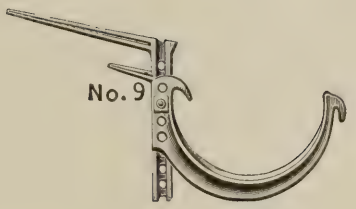


No. 7 is made to drive from 3 to 4 inches square in the cornice. The lower prong forms a brace for the upper and makes it very strong and firm.



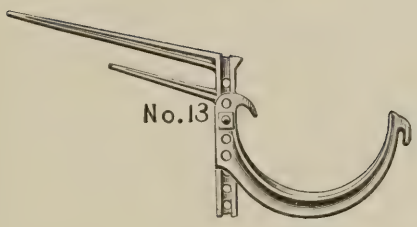
No. 8 is made to drive from 3 to 6 inches square in the cornice.

This iron is intended for eaves where the shingles project far over the cornice.



No. 9 is to drive with the pitch of the roof. Same length as No. 7.

Suited for narrow molded cornice.

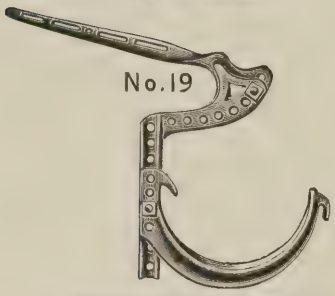


No. 13 drives with the pitch of the roof. Same length as No. 8.

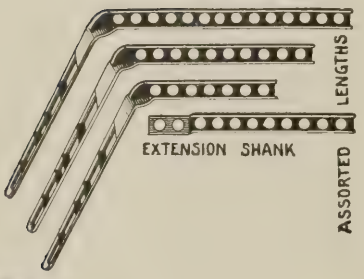
No. 10 is made to nail against square box cornices, and is specially adapted to barns, mills and factories.

TRY THEM AND BE CONVINCED.

No. 20 is Hinged for any pitch, can be nailed or screwed to various shaped moldings, at any angle desired.

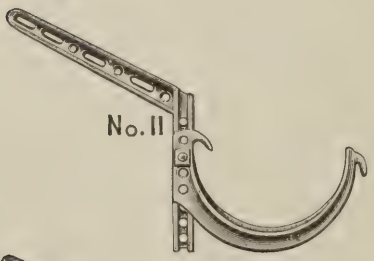


No. 19 is used either on top or under the shingles and suited for short projections of the shingles over the moldings.



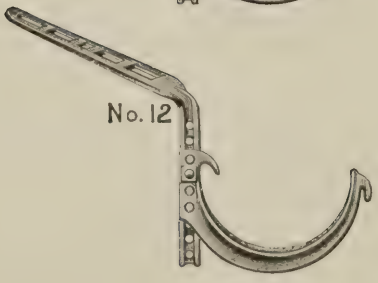
ASSORTED LENGTHS.

All orders are filled with assorted length shanks unless otherwise ordered.



No. 11 is especially adapted to barns, mills and factories, where the rafters are exposed. The shank is nailed to the side of rafter, assorting the 4, 6¼ and 9-inch shank to correspond with the amount of fall required. If more fall is desired, use the extension shank, to bolt on the end.

For Hinged, see No. 18.



No. 12 is made ¼ pitch to fasten under the shingles or slate, and are bent to suit the pitch. The holes on top of the shank are made beveling so that the nail can be driven at any point and enter the shank.

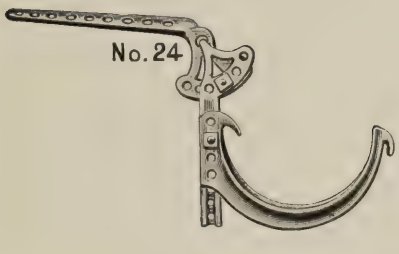
No. 15 is made for flat roofs.

No. 25 for steep roofs, half pitch.

No. 17 is Hinged for any pitch.

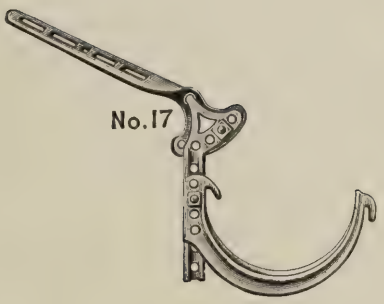
See No. 17, next page.

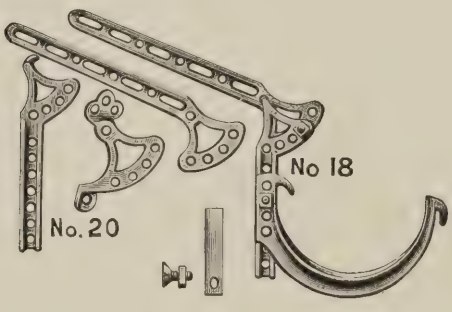
NO TOOLS NEEDED—EASILY PUT UP.



No. 24 is Hinged to bolt on corrugated or other iron roofs, for awnings, mills and factories.

Note the Hinge and Circle, both adjust to every ⅛ of an inch.





THE GEM CIRCLE.

For Single Bead Trough. All sizes.

THE PENN CIRCLE.

For Double-Beaded Trough. All Sizes.

THE STANDARD CIRCLE.

For ½-inch Single Beads.

Globe Circle for ¾ Bead is Same Style.

PRICE LIST OF SHANKS.

Put up 50 in a Package.

	Per 100, Net.
Nos. 7-9	$2 00
Nos. 8-10-13-14	3.00
Nos. 6-11-12-15-20-25	3.50
Nos. 17-18-24	4.00
No. 19 with bolt for Hinge	5.00
Extension Shank with extra bolt	2.00

PRICE LIST OF CIRCLES.

With Bolt and Strap.

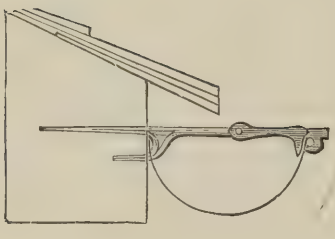
	Per 100, Net.
3, 3¼, 3½, 3¾, 4, 4¼ inches	$2.00
4½, 5, 5¼ inches	3.00
5¾, 6, 6¼, 6½, inches	4.00
7, 7¼, 7½, 8 inches	5.00
9, 10 inches	6.00

For Galvanized, add 25 per cent. to List.

Note—In measuring Gutter, always spread it to a true compass inside of Bead. Also always state what kind of circle is wanted.

Leading size circles: 3½, 4, 4¼, 4½, 5 and 6 inches.

Leading Shanks: Nos. 7, 8, 9, 10, 11 and 12.



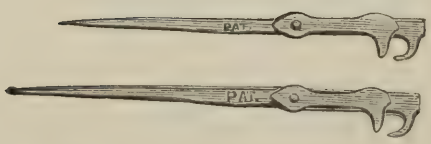
EAVE-TROUGH SPIKES.

Measure Between Beads.

	Price per 100, Net. Black.				
Inches.	4	4½	5	6	7
Short Drive, No. 1	$3.00	$3.50	$4.00	$4.50	$5.00
Med Drive, No. 2	4.00	4 50	5.00	5.50	6.00
Long Drive, No. 3	5.00	5.50	6.00		

☞Always state what size bead is wanted.

REPAIR SPIKES.



Price per 100, Net, Black.

7 inches long	$2.00
9 inches long	2.50
12 inches long	3.00

☞Always state what size of bead is wanted.

Valleys and Wide Gutters.

ANY LENGTH DESIRED.

Made of Long Sheets with Double Seamed Cross Lock Soldered. Shipped in Rolls.

No. 28 GALVANIZED.

	Per Foot.		Per Foot.
10 inch	25 cents.	18 inch	45 cents.
12 "	30 "	20 "	50 "
13½ "	34 "	24 "	60 "
15 "	38 "	30 "	75 "

TERNE PLATE.

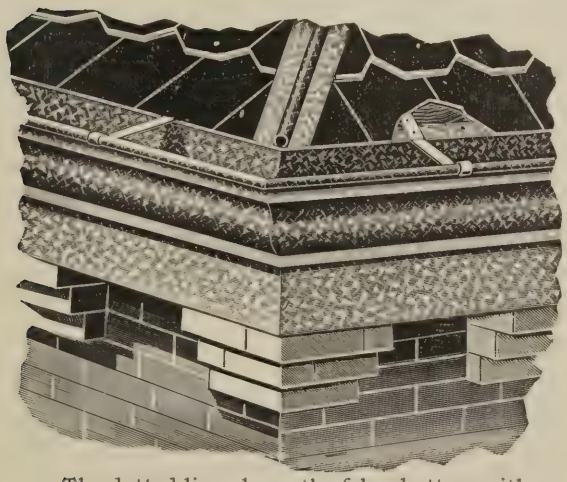
	IC per foot.	IX per foot.		IC per foot.	IX per foot.
10 inch	10 cents.	11½ cents.	20 inch	20 cents.	22½ cents.
12 "	12 "	13½ "	24 "	24 "	27 "
15 "	15 "	17 "	30 "	30 "	34 "

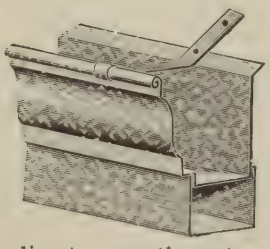
Discount { Galvanized.....per cent
IX Terne Plate..... "
IC Terne Plate..... "

Copper and Heavy Gauge Gutters quoted on application.

Cornice and Secret Gutter Combined.

With Solid Bottom and Fascia Riveted.





The dotted line shows the false bottom with an incline to carry the water.

Galvanized bracket supports furnished when so specified in the order.

Prices quoted on receipt of specifications, showing whether brackets and ornaments are wanted, and the distance and direction water is to be carried.

CORRUGATED

Round and Square Expand= ing Conductor.

Galvanized Conductor Pipe, 10 feet lengths, made of one piece, no cross seams.

Not affected by Expansion or Contraction.

Guaranteed the stiffest, nicest and best Corrugated Conductor in the world. Made in all gauges No. 18 and lighter.

PRICE LIST No. 28 GALVANIZED.

ROUND.	Per Foot.
2 inch	12 cents.
3 "	15 "
4 "	20 "
5 "	25 "
6 "	30 "
7 "	35 "
8 "	40 "

SQUARE.	
2¼x1¾ inch	13 cents.
3¼x2⅜ "	16 "
4¼x2¾ "	21 "
5 x3¾ "	26 "

Square Pipe list price one cent per foot higher than Round of same capacity.

Capacity of Square Conductor is the same as of Round of same list price.

All our Pipe guaranteed standard size.

HEAVY GAUGE ROUND AND SQUARE CORRUGATED CONDUCTOR.

For No. 27 Gauge, add 1 cent per foot to List Price of No. 28 gauge.
" 26 " " 2 " " " " " 28 "
" 24 " " 6 " " " " " 28 "

No. 22, 20 and 18 Gauge quoted on application.

Discount .....per cent.

☞Prices for Copper Conductor quoted on application.

☞All sizes 1 to 6 inch will nest in one crate.
Save 2½ per cent. by sending orders which can be nested.

STAMPED CORRUGATED
Expanding Elbows and Shoes.

Round or Square. Galvanized After Being Made.

ROUND ELBOWS.

1

2

3

4

SQUARE ELBOWS.

1

2

3

SHOES.

3

3

Each made on one solid piece; guaranteed strong and more durable than any other style.

PRICE LIST.

	ROUND. Elbows. Each.	ROUND. Shoes. Each.	SQUARE. Elbows. Each.	SQUARE. Shoes. Each.
2 inch	25 cents.	30 cents.	30 cents.	40 cents.
3 "	30 "	36 "	36 "	48 "
4 "	40 "	48 "	48 "	60 "
5 "	50 "	60 "	60 "	72 "
6 "	60 "	72 "	72 "	84 "

Discount.....per cent.

Can also furnish Side or Right and Left Curve Elbows.

Price of Hand Made Elbows and Shoes of Heavy Gauge quoted on application. When ordering state size and angle wanted.

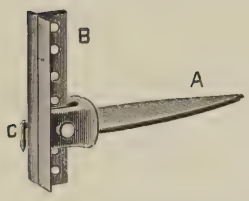
PATENT CORRUGATED CONDUCTOR HEAD OR JOINT MOULDINGS.

The cut shows this Conductor Head, first alone, then slipped into the top of a Corrugated Conductor. It makes a cheap, attractive and convenient finish. No solder required. Price list, same as 1 foot of Corrugated Conductor Pipe of same size.

Discount .....per cent.

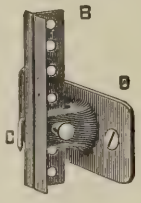
PRICE LIST.

ADJUSTABLE
Patent Conductor Fasteners.



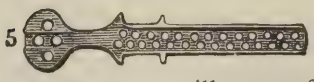
In the first set shown, **A** is a tinned malleable iron spike to drive in between bricks or stones. **B** is to be soldered to the conductor. It is made of heavy tin, and can be used as shown on square pipe, or easily bent to fit Corrugated or plain round pipe. **C** is a copper nail slipped through **A** and through **B** at any desired hole, and then clinched down.

In the second set, **D** is a malleable iron plate to be fastened to a wooden building.



Price per set.....10 cents, net.

CONDUCTOR CLEATS.

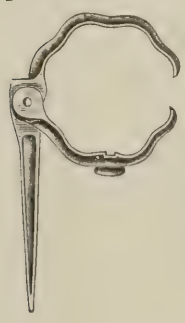


Price Per 100 Tinned.

	Net.
No. 3	$1.50
No. 4	2.00
No. 5	3.00

No. 3 or 4 will answer for 2 to 5 inch pipe. They are fastened crosswise to the pipe, and are nailed at each side.

No. 5 is fastened lengthwise for slipped joints, and will answer for all sizes plain, round or corrugated pipe.



SELF ACTING
CORRUGATED HINGED HOOKS.

No Wire Necessary.

(Belding Patent, 1894.)

Price Per 100 Tinned.

	For Wood.	For Brick.
2 inch, per 100, net	$3 00	$4.00
3 " " " "	4.00	5.00
4 " " " "	5.00	6.00
5 " " " "	6.00	8.00
6 " " " "	7.50	9.50

SELF ACTING
ROUND HINGED HOOKS.

(Belding Patent, 1894.)

No Wire Necessary.

	BRICK.		WOOD.	
	Plain.	Tinned.	Plain.	Tinned.
2 inch, per 100, net	$2.50	$3.50	$2.00	$2 50
3 " " " "	3.50	4.50	2.50	3.50
4 " " " "	4.50	5.50	3.50	4.50
5 " " " "	6.00	7.00	4.50	5.50
6 " " " "	7.00	8.50	6.00	7.00

These Hooks combine the advantages of a Hinge, with the common plain Hook, and are preferable to any other Hooks in the market.

When ordering, state whether Plain or Tinned Hooks are wanted.

Corrugated Hinged Hooks.

Tinned.

	For Wood.	For Brick.
2 inch, per 100, net	$3.00	$3.50
3 " " " "	4.00	4.50
4 " " " "	5.00	5.50
5 " " " "	6.00	6.50

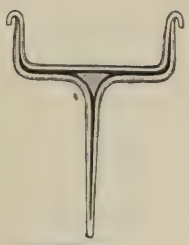
PLAIN ROUND HINGED HOOKS.

Tinned.

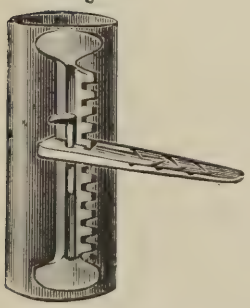
	For Wood.	For Brick.
2 inch, per 100, net	$2.50	$3.50
3 " " " "	3.50	4.50
4 " " " "	4.50	5.50
5 " " " "	5.50	6.50
6 " " " "		7.50

SQUARE WIRED HOOKS.

Tinned.



	For Wood.	For Brick.
2 inch, per 100, net	$1.50	$2.50
3 " " " "	2.00	3.00
4 " " " "	2.50	3.50
5 " " " "	3.00	4.00



CONDUCTOR FASTENERS.

Adjustable—Tinned.

No. 1, for Brick, 4½ inch, per 100, net	$4.00
No. 2, for Stone, 6 " " " "	5.00
No. 3, " " 9 " " " "	6.50
No. 4, " Wood, 3 " " " "	3.50
No. 5, " " 5 " " " "	4.00

Can be used in any position. Made to Rivet, Bolt or Solder.

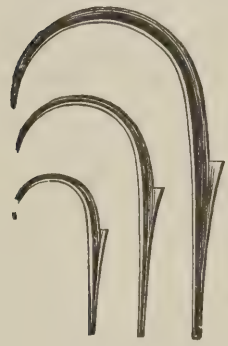
Half Round Wired Hooks.

Price Per 100, Tinned.

For Wood, 2 inch	$1.25
" " 3 "	2.00
" " 4 "	3.00
For Brick, 2 "	1.75
" " 3 "	2.75
" " 4 "	4.00

NOTE.—Four inch can be enlarged for 5-inch.

HOOKS FOR EITHER CORRUGATED OR ROUND CONDUCTORS.



Tinned.

PRICE LIST.

	For Wood.	For Brick.
2 inch, per 100, net	$1.00	$1.75
3 " " " "	2.00	2.75
4 " " " "	3.00	4.25
5 " " " "	4.00	6.00
6 " " " "		8.00

Hooks for Wood have a smaller drive end.
In packages of 50.
7 and 8 inch sizes made to order.

FLASHING HOOKS.

PRICE LIST.

	Tinned.
1½ inch, per 100, net	$ 35
2½ " " " "	.55
3½ " " " "	1.00
5½ " " " "	1.70

The large size can be used on Square Conductor Pipe.

Plain Round and Square Lock=Seam Pipe.

In 10 feet lengths without cross seams.

Guaranteed Perfectly Straight. Strong and durable.

In any Gauge not heavier than No. 18.

Made of Galvanized Steel, Redipped IX and IC Terne Plate.

Largely used for Conductor, Ventilating, Heating, Blast, Hot Air and Blower Pipe, and all other purposes requiring strength and durability by Builders, Plumbers and Mining Engineers.

Guaranteed strongest pipe of this kind made.

PRICE LIST—Per Lineal Foot.

	Galvanized. No. 28.	Terne Plate. IX.	Terne Plate. IC.
2 inch	12 cents.	11½ cents.	10 cents.
3 inch	15 "	14 "	12½ "
4 inch	20 "	17½ "	16 "
5 inch	25 "	22½ "	20½ "
6 inch	30 "	27½ "	25 "
7 inch	35 "	....	....
8 inch	40 "	....	....

Square Conductor Pipe list price one cent per foot higher than round of same capacity.

PRICE LIST

HEAVY GAUGE GALVANIZED PIPE.

No. 27 Gauge, add 1 cent per foot to list price of No. 28 Gauge.
No. 26 Gauge, add 2 cents per foot to list price of No. 28 Gauge.
No. 24 Gauge, add 6 cents per foot to list price of No. 28 Gauge.
Nos. 22, 20 and 18 Gauge, quoted on application.

Discount. { Galvanized.....per cent. / IX Terne Plate.....per cent. / IC Terne Plate.....per cent.

Copper Conductor quoted on application.

Crates at cost.

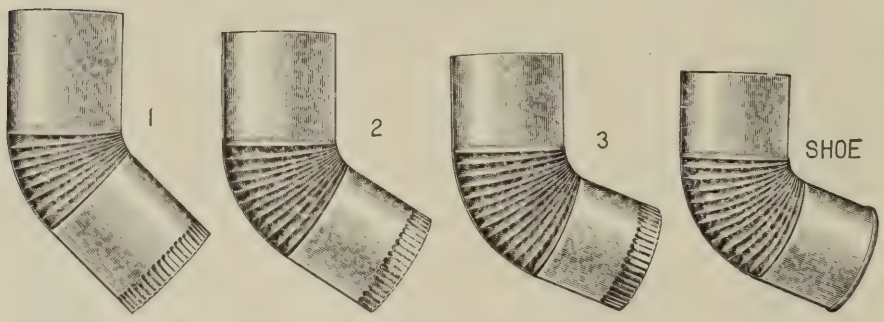
☞Elbows for Plain Round Pipe or Heavy Gauge made only to special order on receipt of specifications and drawings showing angle wanted.

☞Spiral pipe quoted on application.

"O. H." One Piece Elbows.

For Round Pipe.

STRONG AND DURABLE.



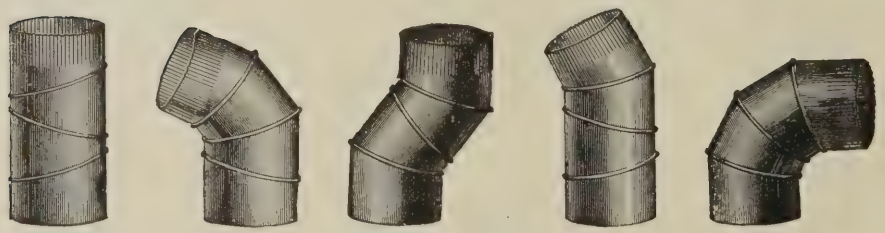
PRICE LIST.

Size.	Galv. Elbows. Each.	Galv. Shoes. Each.	Tin Elbows. Each.	Tin Shoes. Each.
2 inch, Nos. 1, 2 and 3	25 cts.	30 cts.	20 cts.	25 cts.
2½ " " " "	27 "	32 "	22 "	27 "
3 " " " "	30 "	36 "	25 "	30 "
3½ " " " "	35 "	42 "	30 "	35 "
4 " " " "	40 "	48 "	35 "	40 "
5 " " " "	50 "	60 "	42 "	50 "
6 " " " "	60 "	72 "	50 "	60 "

Discount.....per cent.

Patent Adjustable Elbows.

For Round Pipe.



PRICE LIST.

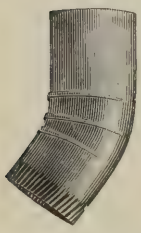
Size.	Galvanized.	Bright Tin.
1½ inch	$ 1.60	$ 1.30
2 "	1.60	1.30
2½ "	2.00	1.80
3 "	2.40	1.80
4 "	3.00	2.25
5 "	3.60	3.50
6 "	5.40	5.00
7 "	7.20	6.50
8 "	9.60	8.00
9 "	11.00	10.00
10 "	12.50	11.50

Discount.....per cent.

These Elbows can be adjusted to any angle between a straight line and a right angle, as shown by the cuts.

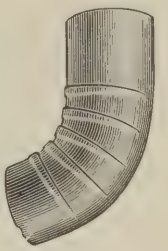
Flat Crimped Elbows and Shoes.

The Strongest and Best Elbows in the Market. Galvanized or Retinned After Being Made.

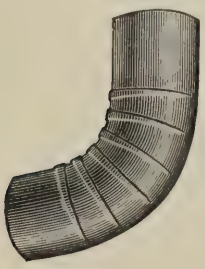


No. 0.
Three Crimps.

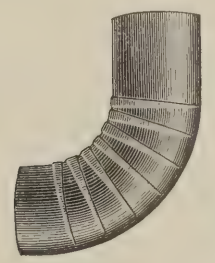
No. 1.
Four Crimps.



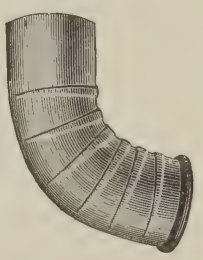
No. 2.
Five Crimps.



No. 3.
Six Crimps.



No. 4.
Seven Crimps.



Shoe.
Six Crimps.

Made of one piece of Metal with flat folds on the outside. The inside is perfectly smooth.

Furnished with any number of folds so as to form any required angle.

PRICE LIST.

ELBOWS.

	Galvanized or Retinned.	Plain Tin.
2 inch, each	25 cents.	20 cents.
2½ " "	27 "	22 "
3 " "	30 "	25 "
3½ " "	35 "	30 "
4 " "	40 "	35 "
5 " "	50 "	42 "
6 " "	60 "	50 "

SHOES.

	Galvanized or Retinned.	Plain Tin.
2 inch, each	30 cents.	25 cents.
2½ " "	32 "	27 "
3 " "	36 "	30 "
3½ " "	42 "	35 "
4 " "	48 "	40 "
5 " "	60 "	50 "
6 " "	72 "	60 "

Discount. { Elbows.....per cent. / Shoes..... per cent.

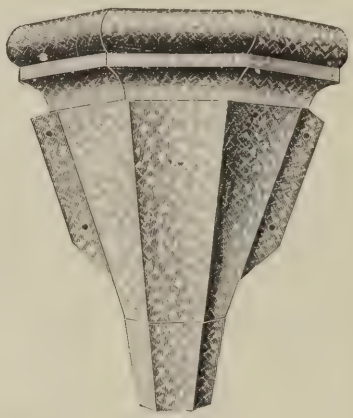
When ordering, always state number of folds wanted.

The following table shows the number of folds required to form a right angle or ¼ bend for each size.

For 2, 2½, 3 or 3½ inch	7 crimps.
For 4 inch	8 crimps.
For 5 inch	9 crimps.
For 6 inch	11 crimps.
For 8 inch	15 crimps.

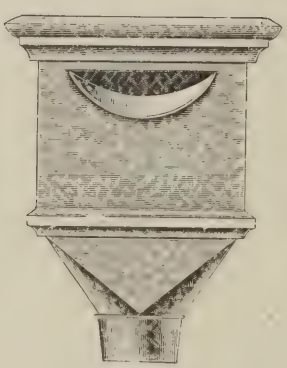
Conductor Heads.

STYLE A.



STYLE B.

ORNAMENTAL AND STRONG.



STYLE C.

Where there are Fire Walls, connect Roof Gutter with Conductor Head by a feed pipe through an opening in wall.

PRICE LIST.

No. 28 Gauge Galvanized and IX Terne Plate.

STYLE A.

For 3 inch Pipe, each.....$1.40
" 4 " " " " 1.65
For 5 inch Pipe, each.....$2.30
" 6 " " " 2.75

STYLE B.

For 3 inch Pipe, each.....$1.50
" 4 " " " 1.75
For 5 inch Pipe, each.....$2.50
" 6 " " " 3.00

STYLE C.

For 3 inch Pipe, each.....$1.50
" 4 " " " 2.00
For 5 inch Pipe, each.....$2.75
" 6 " " " 3.25

With overflow, 50 cents higher.

Discount { Galvanized.....per cent.
Terne Plate.....per cent.

Prices on Heavy Gauge Galvanized and Copper Conductor Heads quoted on application.

Ornamental Conductor Heads and Bands.

Made of No. 26 Galvanized.

For Round or Square Corrugated or Plain Conductor.

STYLE D.

STYLE E.

PRICE LIST.

Either Style, Round or Square.

2 inch, each, complete	$2.50
3 " " "	3.00
4 " " "	3.50
5 " " "	4.00

Discount.....per cent.

In ordering state whether for Round or Square Conductor.

GALVANIZED CONDUCTOR BANDS.

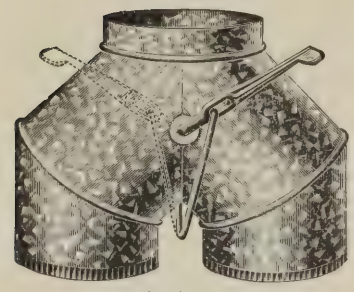
Round or Square.

2 inch, each	$ .30
3 " "	.40
4 " "	.50
5 " "	.60

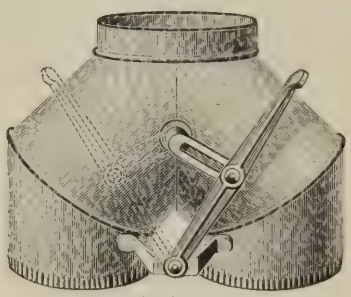
Discount..... .... per cent.

The Lock Lever Cut-Off.

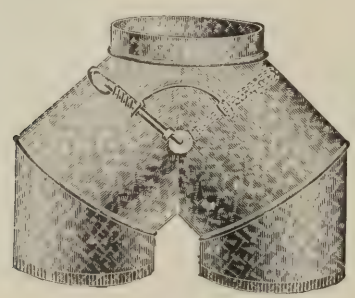
The Latest, Strongest and Best.

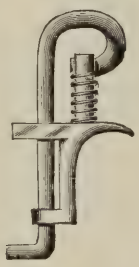


Style A.
Pat. Jan. 29, 1895.



Style B.





Style C.

The only Positive-Locking Cut-Off in the market.
Will not get out of order nor break.
The valve is reversed by operating the lever.
It cannot be turned or misplaced by falling ice or heavy pressure of water.
Easily operated. Acknowledged superior to all others.

PRICE LIST.

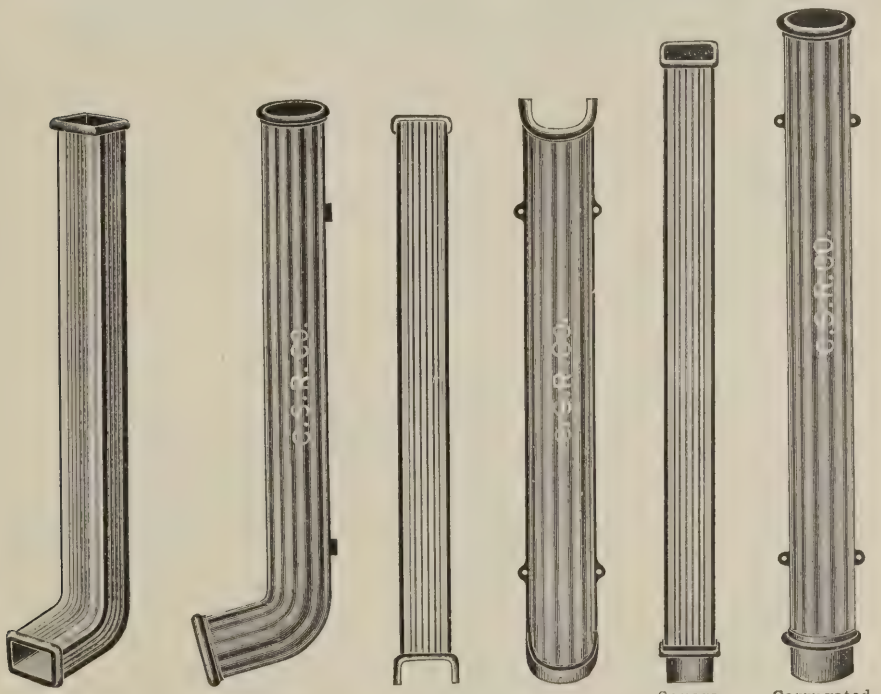
	Tin.	Galvanized.
2½ inch, per dozen	$ 5.00	$ 7.00
3 " "	6.00	8.00
3½ " "	8.00	9.50
4 " "	9.00	11.00
5 " "	14.00	20.00
6 " "	20.00	30.00

Discount. Style A & C. { Galvanized.....per cent. / Tin.....per cent.

Discount. Style B. { Galvanized.....per cent. / Tin.....per cent.

Each size up to 5 inch packed in crates of one dozen.
Crates of 5 and 6 inch contain one-half dozen each.
No charge for crates.

CAST IRON
Boots, Shields and Sewer Connections



Square Boot. | Corrugated Boot. | Square Shield. | Corrugated Shield. | Square Sewer Connection. | Corrugated Sewer Connection.

PRICE LIST.

BOOTS.

With Lugs Cast On.

	Each.
4½ feet long for 2 inch pipe	$2.25
4½ " " 3 "	3.25
4½ " " 4 "	4.00
4½ " " 5 "	5.00
4½ " " 6 "	6.00

SHIELDS.

With Lugs Cast On.

	Each.
4½ feet long for 3 inch pipe	$3.00
4½ " " 4 "	3.65
4½ " " 5 "	4.65
4½ " " 6 "	6.00

Can furnish Octagon style same price.

SEWER CONNECTIONS.

With Lugs Cast On.

5 feet long for 2 inch pipe	$2.25
5 " " 3 "	3.25
5 " " 4 "	4.00
5 " " 5 "	5.00
5 " " 6 "	6.00

Discount. .....per cent.

☞These shields are very strong and protect the pipe from blows and knocks. There is no room inside for the pipe to expand in case of freezing.

Speaking Tubes.

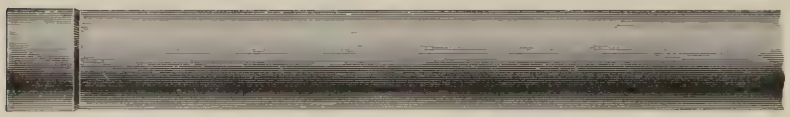


Fig. 80.

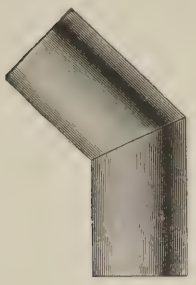
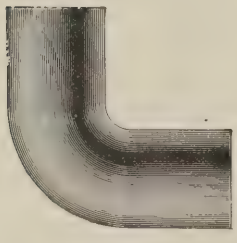


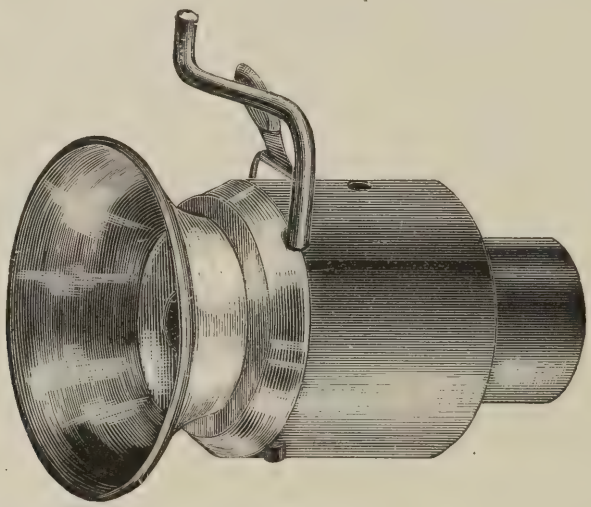
Fig 81.



PRICE LIST.

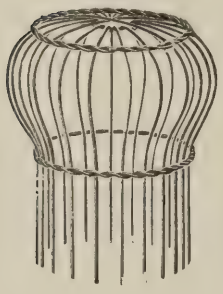
1 inch, per foot	$ .03
1 " Square Elbow, per doz	.60
1 " Stamped " "	90
Whistler with indicator, plain, per doz	4.00
" " " Porcelain, "	4.50
" " " Nickeled "	7.00

Discount.....per cent.

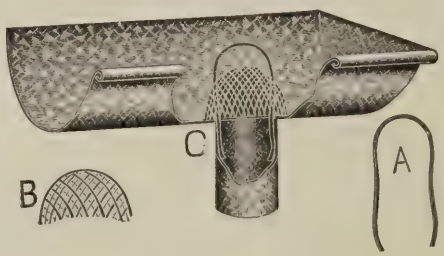


Conductor Strainers.

The Standard.



The Wock Patent.



PRICE LIST.

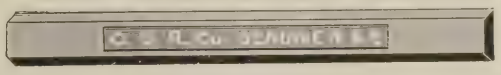
	Galvanized. Per Doz.	Copper. Per Doz.
2 inch	$ .60	$1.00
3 "	.80	1.50
4 "	1.20	2.00
5 "	1.50	3.00
6 "	1.75	5.00

	Galvanized. Per Doz.
2 inch	$ .40
3 "	.60
4 "	1.00
5 "	1.30
6 "	1.65

Discount.....per cent.

Solder.

Quality Equal to any in the Market.



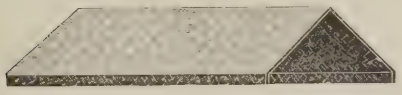
PRICE LIST.

C. S. R. Co. Genuine half and half.....16 cents
Columbian, half and half.....15½ "
Plumbers, warranted 40 and 60.....14½ "

No old metal or junk used in making our solder.
No inferior cheap solder furnished.

V Ridge Cap.

No. 28 Galvanized. 10 Feet Lengths.

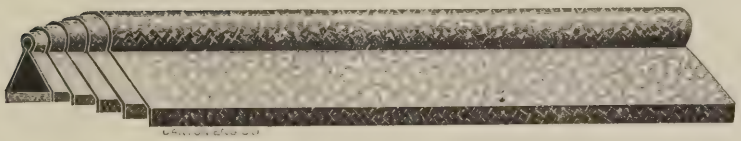


PRICE LIST.

6 inch Girt, per lineal foot.....13 cents.
7 " " " " .....14 "
8 " " " " .....16 "

Ridge Roll.

No. 28 Galvanized. 10 Feet Lengths.



PRICE LIST.

		Width of Apron.	Per Lineal Foot.
1¼ inch size,	7 inch Girt	2 inches	14 cents.
1½ " "	8 " "	2¼ "	16 "
2 " "	10 " "	2⅝ "	19 "
2½ " "	12 " "	3 "	23 "
3 " "	15 " "	4 "	28 "

Discount.....per cent.

Galvanized Sheets in Bundles.

Best Quality Only.

PRICE LIST.

Gauge.	Weight per sq. feet.	
No. 10	92½ oz.	12 cents per pound.
No. 12	72½ oz.	12 " "
No. 14	52½ oz.	12 " "
No. 16	42½ oz.	12 " "
No. 18	34½ oz.	13 " "
No. 20	26½ oz.	13 " "
No. 22	22½ oz.	14 " "
No. 24	18½ oz.	14 " "
No. 26	14½ oz.	15 " "
No. 27	13½ oz.	16 " "
No. 28	12½ oz.	17 " "
No. 29	11½ oz.	19 " "
No. 30	10½ oz.	21 " "

Discount.....per cent. off list.

SIZES KEPT IN STOCK FOR PROMPT SHIPMENT.

Gauges.....Nos. 28, 27, 20 and 24. Sizes.....28 and 30 inch x 96 inch.
" ..... " 28, 27, 26, 24 and 22. " .....24 and 30 " x 120 "
Other sizes and Gauges furnished promptly.

THREE-SIXTEENTH INCH CRIMP SHEETS.

Fig. 10.

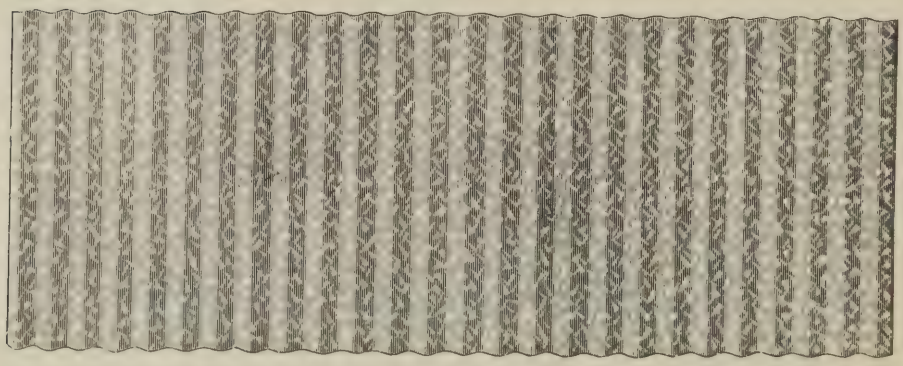


Fig. 11.

Figs. 10 and 11 show full size and end view of Corrugates. Made of Gauges 24 and lighter. Size of crimps 3-16 x 1-16 inch. Sheets of any length, crimped cross ways up to 36 inches wide. Galvanized crimped used for Cornice, Stilings, Borders, Friezes, Window and Door Case Coverings, Panels, Mouldings, etc. The crimping makes the sheets about three gauges stiffer, and takes out buckles and waves, and gives the appearance of dressed stone. It can be bent after crimped to any angle without breaking material.

PRICE LIST.

Add 2 cents per lb. to list price of Galvanized quoted above.
Discount.....per cent.

American Roofing Tin.

Guaranteed Oil Process.

Government experts and importers say our "Canton" Brand is superior to 'Gilbertson's Old Method" and other best foreign brands.

PRICE LIST.

"C. S. R. CO.'S CANTON."

Resquared and Redipped by Hand.

Guaranteed 36 Pounds Coating Per Box.

IC- 20x28 inches, per box.....$16.50
IX—20x28 " " 18.50

"C. S. R. CO.'S FARGO."

IC—20x28 inches, per box.....$12.50
IX—20x28 " " 15.00
Wasters $1.00 per box less.

LONG SHEETS.

We keep in stock of both IC and IX Laufman's Apollo Redipped Terne Plate Sheets, 24 and 30x120 inches. For wide Gutters and other purposes.

PRICE LIST.

IC.....5¼ cents per pound.
IX.....4¾ " "
Sheets 36x96 and narrower than 24, and wider than 30 in., ¼ cent per lb. extra.

Discount.....per cent.

Sheet Copper.

Subject to Change.

SIZE OF SHEETS.		64 oz. and over, 50 lb. sheet, 30x60 and heavier.	32 oz. up to 64 oz., 25 to 50 lb. sheet, 30x60.	24 oz. up to 32 oz., 18¾ to 25 lb. sheet, 30x60.	16 oz. up to 24 oz., 12½ to 18¾ lb. sheet, 30x60.	14 oz. and 15 oz., 11 to 12½ lb. sheet, 30x60.	12 oz. and 13 oz., 9½ to 11 lb. sheet, 30x60.	10 and 11 oz., 7¾ to 9½ lb. sheet, 30x60.	8 oz. and 9 oz., 6¼ to 7¾ lb. sheets, 30x60.	Lighter than 8 oz.
WIDTH.	**LENGTH.**	**CENTS PER POUND.**								
Not wider than 30 inches.	Not longer than 72 inches...	16	16	16	16	17	18	19	22	25
	Longer than 72 in. and not longer than 96 in.....	16	16	16	16	17	19	22	25	....
	Longer than 96 in.....	16	16	16	16	18	22	....	....	....
Wider than 30 inches but not wider than 36 inches.	Not longer than 72 in.....	16	16	16	16	18	20	23	26	....
	Longer than 72 in. and not longer than 96 in.....	16	16	16	16	18	22	25	.....	.....
	Longer than 96 in. and not longer than 120 in.....	16	16	16	17	19	.....	.....	.....	.....
	Longer than 120 in.....	16	16	17	18	....	....	....	....	....
Wider than 36 inches but not wider than 48 inches.	Not longer than 72 in.....	16	16	17	18	20	23	26	....	....
	Longer than 72 in. and not longer than 96 in.....	16	16	17	19	21	24	....	.....	.....
	Longer than 96 in. and not longer than 120 in.....	16	16	18	20	24	....	....	....	....
	Longer than 120 in.....	16	17	19	22	....	....	....	....	....
Wider than 48 inches but not wider than 60 inches.	Not longer than 72 in.....	16	16	17	19	22	27	....	....	....
	Longer than 72 in. and not longer than 96 in.....	16	16	18	20	25	....	....	....	....
	Longer than 96 in. and not longer than 120 in.....	16	17	19	22	....	....	....	....	....
	Longer than 120 in.....	16	18	20	24	....	....	....	....	....
Wider than 60 inches but not wider than 72 inches.	Not longer than 96 in.....	16	17	19	24	....	....	....	....	....
	Longer than 96 in. and not longer than 144 in.....	16	18	21	26	....	....	....	....	....
	Longer than 144 in.....	17	19	24	....	....	....	....	....	....
Wider than 72 inches but not wider than 108 inches.	Not longer than 120 in.....	17	19	25	....	....	....	....	....	....
	Longer than 120 in.....	19	20	....	....	....	....	....	....	....
Wider than 108 inches.	Not longer than 144 in.....	20	22	....	....	....	....	....	....	....
	Longer than 144 in.....	21	24	....	....	....	....	....	....	....

BOLT COPPER, ⅜ in diam. and over, per lb., 16 cts.

EXTRAS.

CIRCLES, SEGMENTS AND PATTERN SHEETS—3 cents per lb. advance over prices of copper required to cut them from.

COLD OR HARD ROLLED COPPER, 14 oz. per sq. ft. and heavier, 1 ct. per lb. over foregoing prices.

COLD OR HARD ROLLED COPPER, lighter than 14 oz. per sq. ft, 2 cts. per lb. over foregoing prices.

ALL POLISHED COPPER—20 in. wide and under, 1 cent per lb. advance over price for Cold Rolled Copper.

ALL POLISHED COPPER—over 20 in. wide, 2 cts. per lb. advance over price for Cold Rolled Copper.

ALL PLANISHED COPPER—1 cent per lb. advance over price for Polished Copper.

TINNING SHEETS on one side, 10, 12 and 14x48 inch, each.....$ .06

" " 14x52 inch, each ..... .08

" " 14x56 " " ..... .10

" " 14x60 " " ..... .12

" " 30x60 " " ..... .25

" " one side other than above sizes, per square foot 2 cents.

" " both sides, double above prices.

Lintel Cornice.

Made of No. 26 Crimped Galvanized.

No. 511.

Height 12 in., projection 10 in. Price per foot.....$ .40
Mitres, each..... 1.00

No. 512.

Height 12 in., projection 10 in.. Price per foot.....$ .60
End Blocks, each..... 4.00

N. 513.

Height 18 in., projection 10 in. Price per foot.....$ .80
End Blocks, each..... 4.25

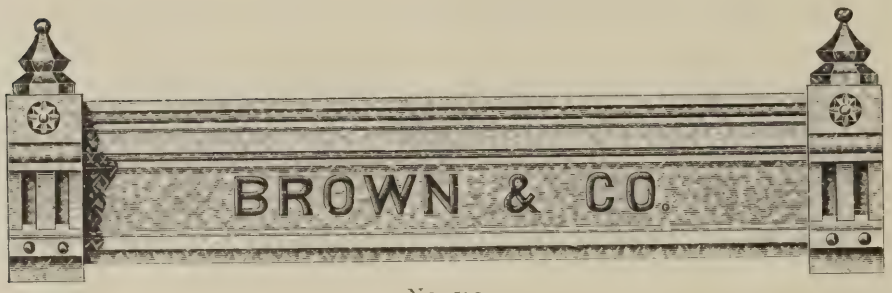
No. 514.

Height 18 in., projection 10 in. Price per foot.....$ .70
End Blocks, each..... 4.25

Discount.....Per cent.

Cornice.

Made of No. 26 Crimped Galvanized.



No. 500.

Height 26 inches, projection 12 inches. Price per foot	$ .60
Urns, each	1.00
End Blocks, each	5.00
Letters, each	.60
Height 35 inches, projection 16 inches. Price per foot	$ .80
Urns, each	1.00
End Blocks, each	6.00
Letters, each	.60

No. 515.

Height 26 in., projection 10 in. Price per foot	$ .60
Mitres, each	1.25

No. 516.

Height 27 in., projection 12 in. Price per foot	$1.00
End Blocks, each	6.00

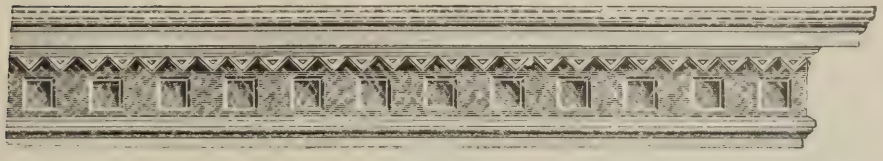
Discount.....per cent.

No. 506.

Height 24 inches, projection 12 inches. Price per foot.....$1.20
Mitres, each..... 2.50
Height 30 inches, projection 15 inches. Price per foot..... 1.45
Mitres, each..... 3.00

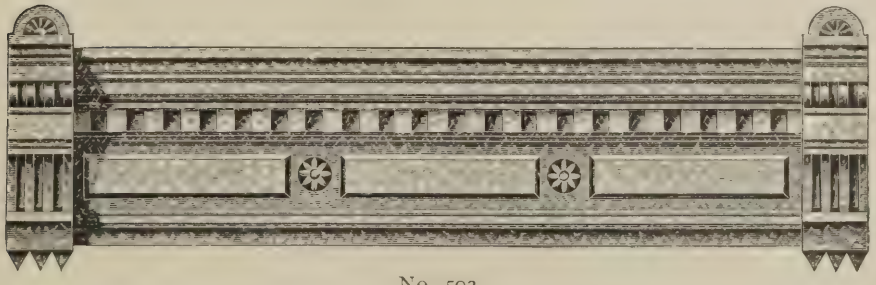
No. 517.

Height 27 in, projection 12 in. Price per foot.....$1.25
End Blocks, each..... 6.00



No. 518.

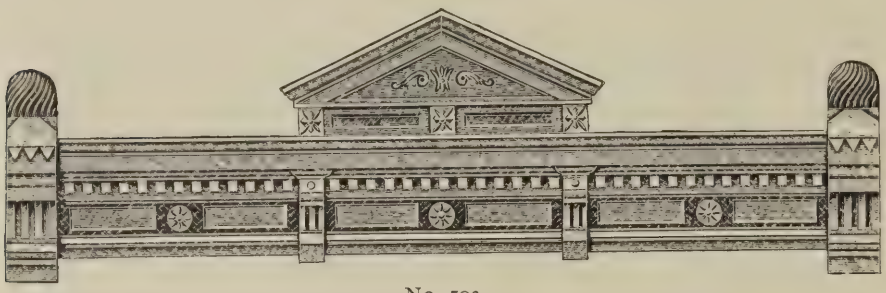
Height 32½ in., projection 16 in. Price per foot.....$1 25
Mitres, each..... 1.75



No. 502.

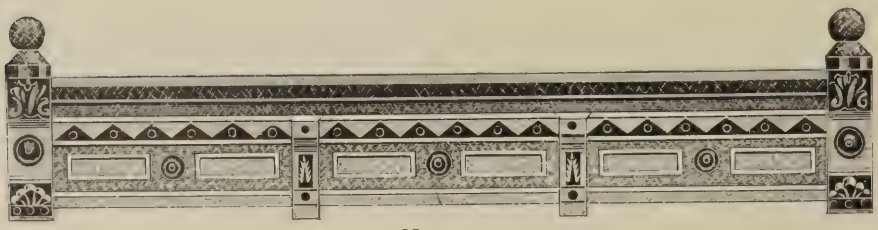
Height 48 in., projection 15 in. Price per foot.....$1.30
End Blocks, each..... 9.00

Discount..... ....per cent.



No. 503.

Height 30 in., projection 18 in. Price per foot.....$ 1.50
End Blocks, each..... 9.00
Pediment 6 feet long..... 18.00

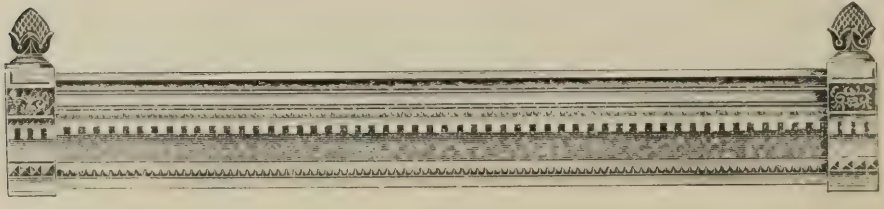


No. 501.

Height 36 inches, projection 18 inches. Price per foot.....$1.50
Urns, each..... 1.20
End Blocks, each..... 6.00

No. 519.

Height 30 in., projection 16 in. Price per foot.....$1.50
End Blocks, each..... 7.00



No. 520.

Height 28 in., projection 16 in. Price per foot.....$1.50
End Blocks, each..... 6.75

Discount.....per cent.

No. 521.

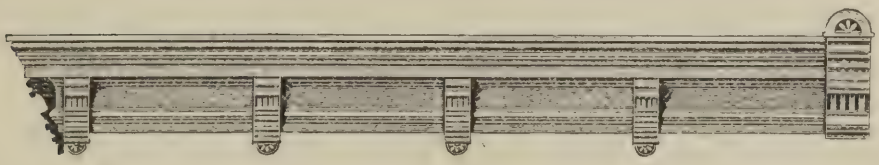
Height 36 in., projection 15 in. Price per foot.....$1.30
End Blocks, each 6.65

No. 522.

Height 36 in., projection 15 in. Price per foot.....$1.50
End Blocks, each..... 6.65

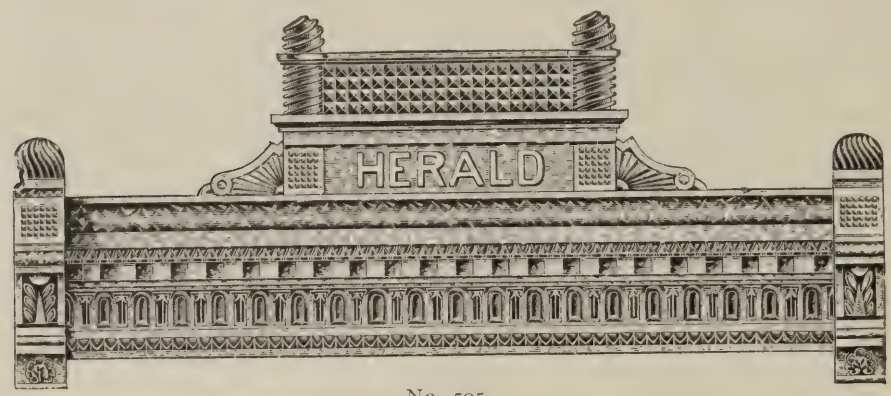
No. 523.

Height 24 in , projection 14 in. Price per foot.....$1.55
End Blocks, each..... 4.75



No. 504.

Height 25 in. projection 14 in. Price per foot.....$1.90
End Blocks, each..... 8.00
Mitres, each..... 2.00
Discount.....per cent.

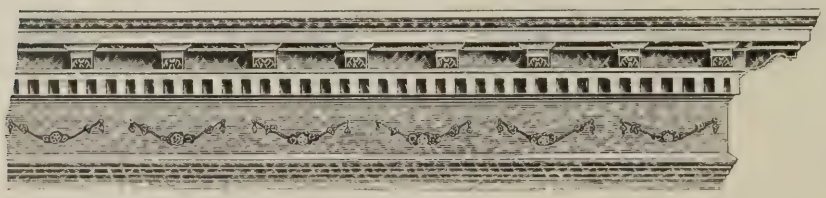


No. 505.

Height 40 inches, projection 20 inches. Price per foot.....$ 2.75
End Blocks, with Urns complete, each..... 10.00
Pediment, 10 feet long 40.00
Letters, each..... .60

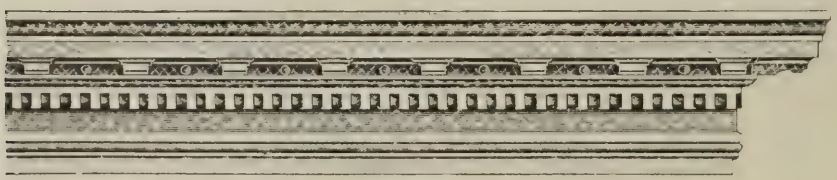
No. 524.

Height 42 inches, projection 24 inches. Price per foot.....$3.00
Mitres, each..... 2 50



No. 525.

Height 42 inches, projection 24 inches. Price per foot $2.90
Mitres, each..... 2.50



No. 526.

Height 36 inches, projection 24 inches. Price per foot.....$2.00
Mitres, each 2.00

Discount.....per cent.

Estimates made on any style of Galvanized or Copper Cornice when details and specifications are furnished us.

Cornice Pediments.

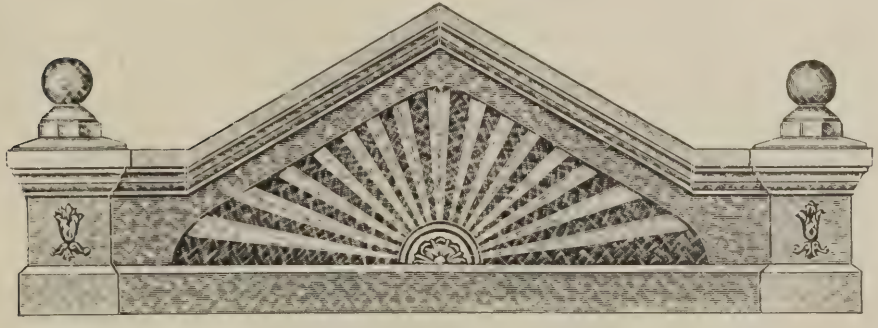
Can be used on either style of Cornice and Front.

No. 540.

Length 8 feet, 8 inches; height in center, 3 feet, 1 inch. Price.....$41.00
Includes Urns and Top Cover.

No. 541.

Length 8 feet; height in center 4 feet. Price.....$27.50
Letters, each..... .60
Cover not included.



No. 542.

Length 9 feet; height 3 feet, 2 inches. Price.....$28.00
Cover for center part not included.
Discount..... per cent.

CROWN MOULDINGS.

No. 550.

Height.....10½ in.
Projection . 4½ in.
Girt.....16 in.
Price per ft. 20 cts.

No. 551.

Height.....12 in.
Projection ... 7 in.
Girt.....18 in.
Price per ft..25 cts.

No. 552.

Height.....13 in.
Projection .. 6¾ in.
Girt.....21 in.
Price per ft..27 cts.

No. 553.

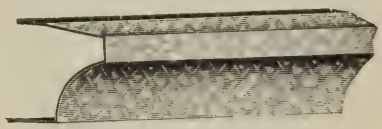
Height.....10½ in.
Projection .. 6 in.
Girt.....20 in.
Price per ft...26 cts.

Discount.....per cent.

BELT MOULDINGS.

No. 560.

Height..... 4¼ in.
Projection..... 3 in.
Girt.....12 in.
Price per foot, 15 cents.



No. 561.

Height..... 4¼ in.
Projection ..... 3 in.
Girt.....12 in.
Price per foot, 15 cents.

Discount.....per cent.

CEILING MOULDINGS.

For Plain Corrugated Ceilings.

No. 570.

Height.....3½ in.
Projection .....2½ in.
Girt.....7 in.
Price per foot.....10 cts.

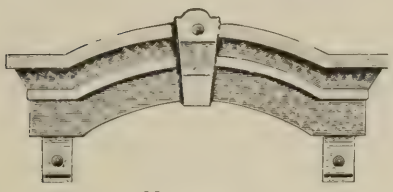
571.

Height..... .....3 in.
Projection.....2½ in.
Girt .....7 in.
Price per foot.....10 cts.

Discount.....per cent.

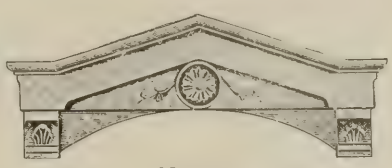
Window Caps.

Made of No. 26 Crimped Galvanized.



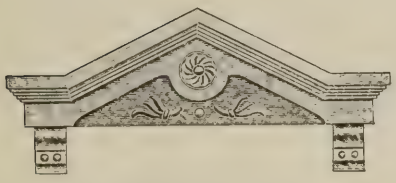
No. 102.

Price, each.....$4.50



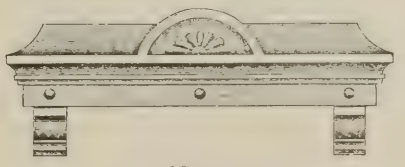
No. 101.

Price, each.....$4.00



No. 111.

Price, each.....$5.00

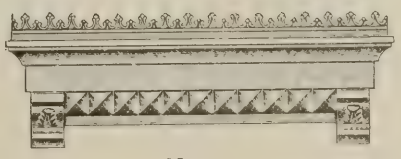


No. 112.

Price, each.....$3.50

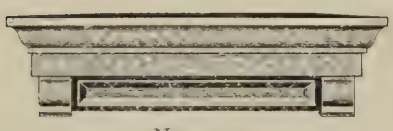
No. 114.

Price, each.....$5.50.



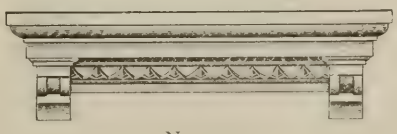
No. 113.

Price, each.....$6.00



No. 100.

Price, each.....$3.00

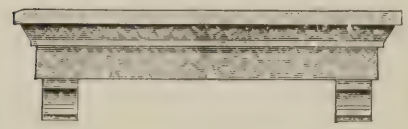


No. 115.

Price, each.....$5.00

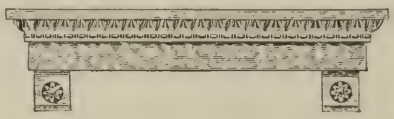
Discount.....per cent.

Above prices for all openings not over 38 inches wide.



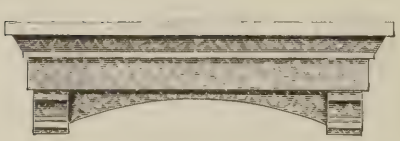
No. 103.

Price, each.....$2.00



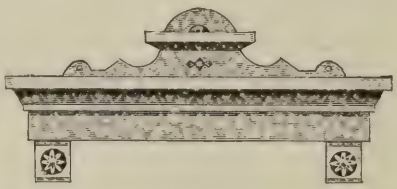
No. 104.

Price, each.....$4.00



No. 105.

Price, each.....$2.50



No. 106.

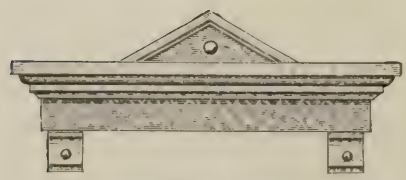
Price, each.....$3.75

No. 107.

Price, each.....$3.50

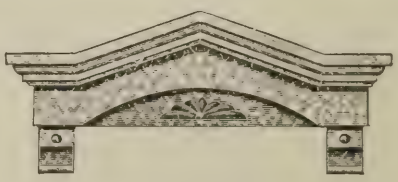
No. 108.

Price, each.....$4.00



No. 109.

Price, each.....$3.75



No. 110.

Price, each.....$4.25

Discount.....per cent

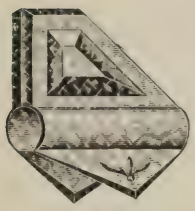
Above prices for all openings not over 38 inches wide.

Give exact size of Opening.

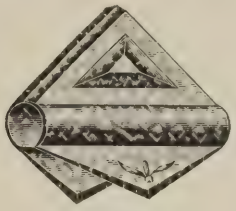
Other styles and sizes made on receipt of details and specifications.

Cresting Blocks and Finials.

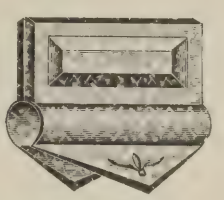
Made of Galvanized to Fit our 2 Inch Ridge Roll.



No. 400.
6 inches long.



No. 401.
7½ inches long.



No. 402.
7 inches long.

No. 403.

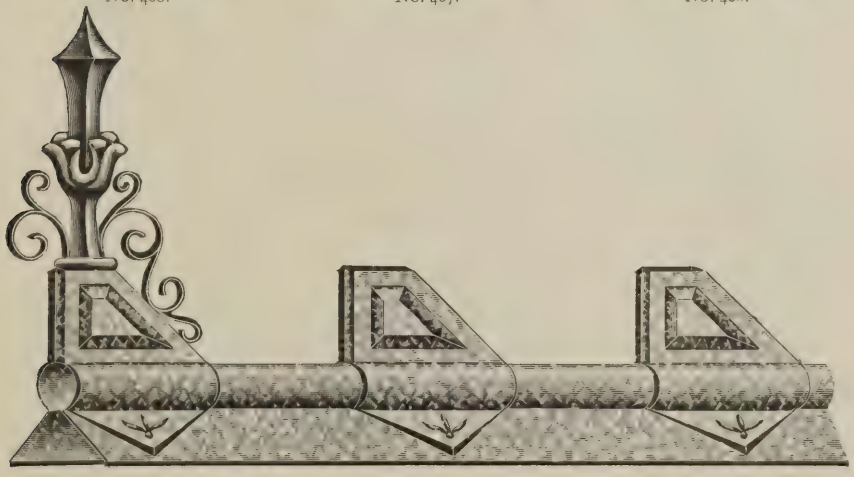
No. 404.

No. 405.

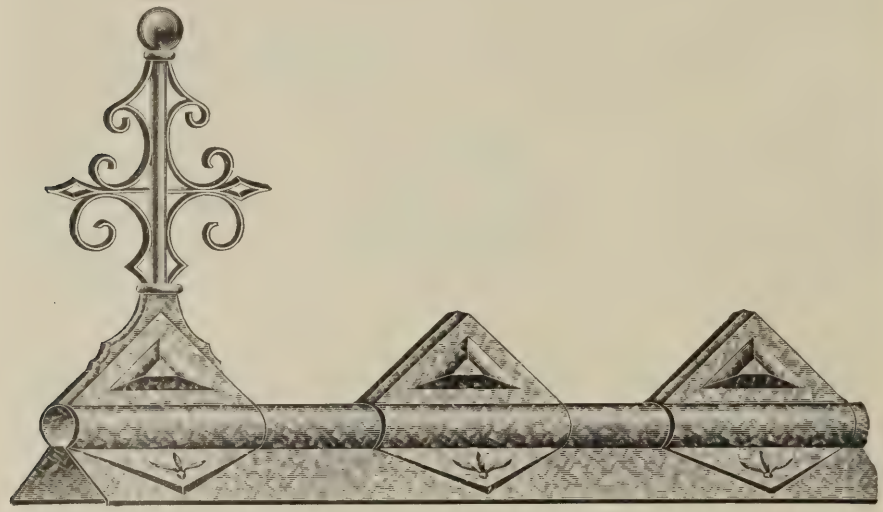
No. 406.

No. 407.

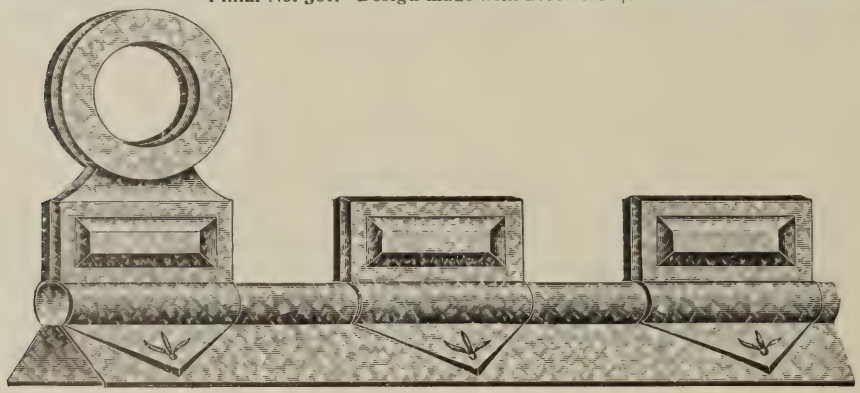
No. 408.



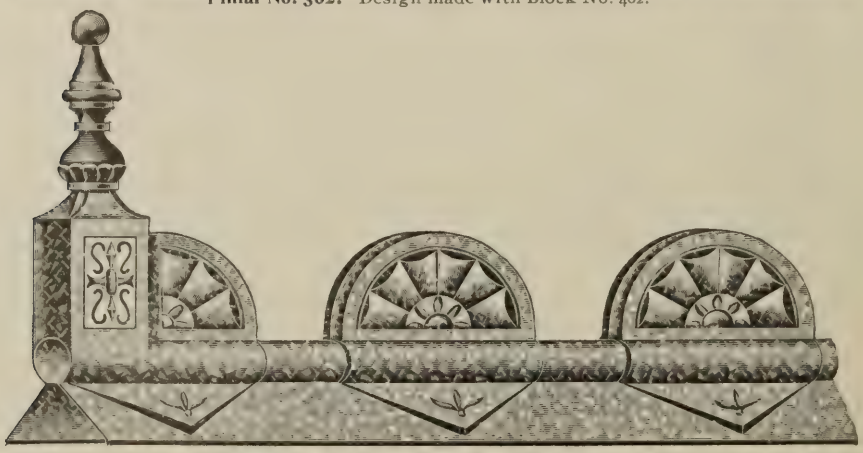
Finial No. 300. Design made with Block No. 400.



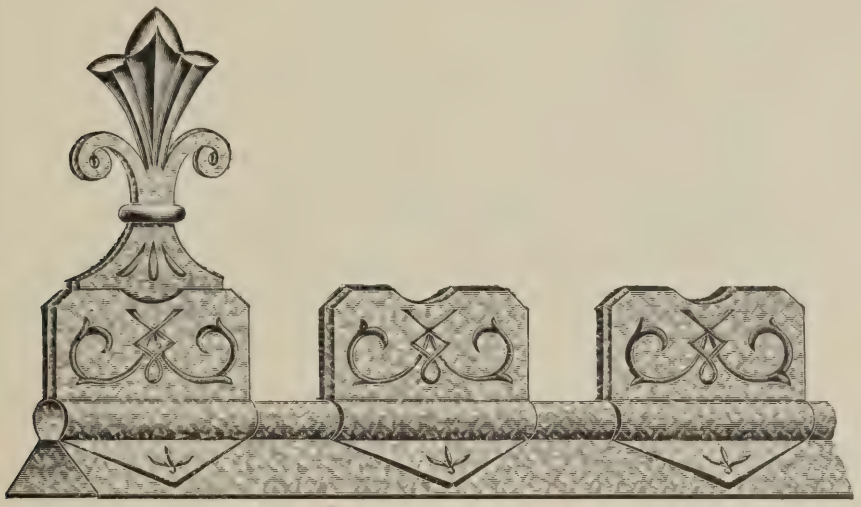
Finial No. 301. Design made with Block No. 401.



Finial No. 302. Design made with Block No. 402.



Finial No. 307. Design made with Block No. 407.



Finial No. 305. Design made with Block No. 405.

Finial No. 303. Design made with Block No. 403.

PRICE LIST.

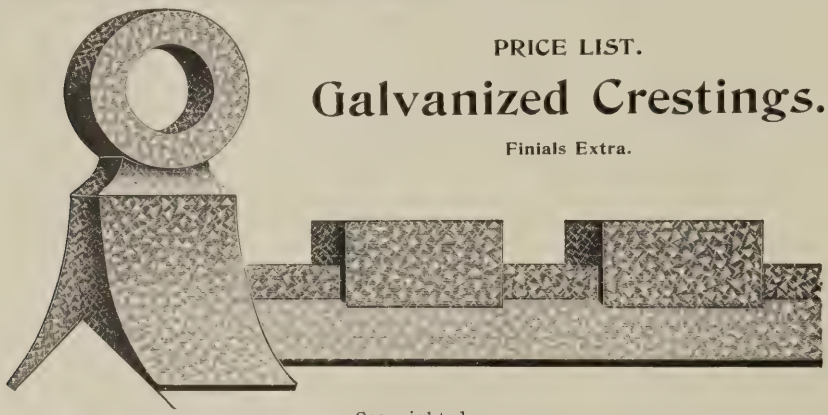
Blocks Nos. 400, 401, 402, per 100	$12.00
Blocks Nos. 403, 404, 405, each	33 cents.
Blocks Nos. 406, 407, 408, each	35 cents.
Finial No. 300, each	$1.50
Finial No. 301, each	1.80
Finial No. 302, each	1.50
Finial No. 303, each	3.25
Finial No. 305, each	3.00
Finial No. 307, each	5.00

Discount.....per cent.

PRICE LIST.

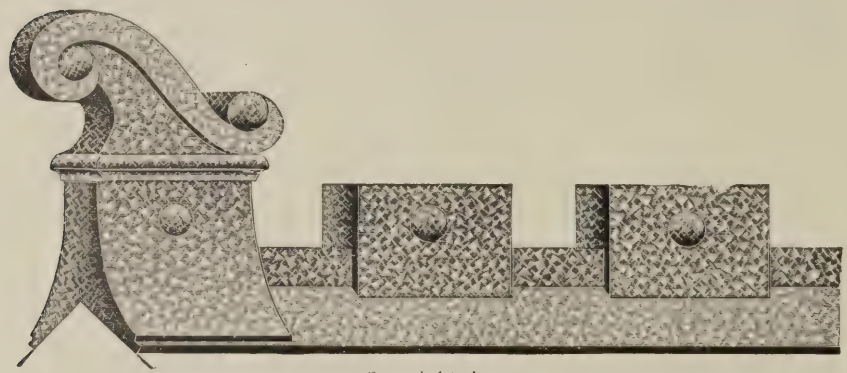
Galvanized Crestings.

Finials Extra.



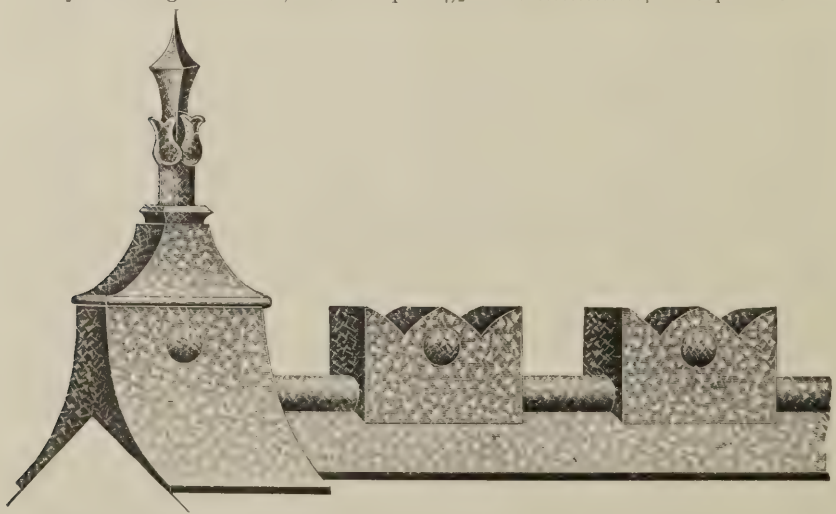
Copyrighted.

Style D.—Height 9 inches; width of Apron 4 inches.....30 cents per foot.



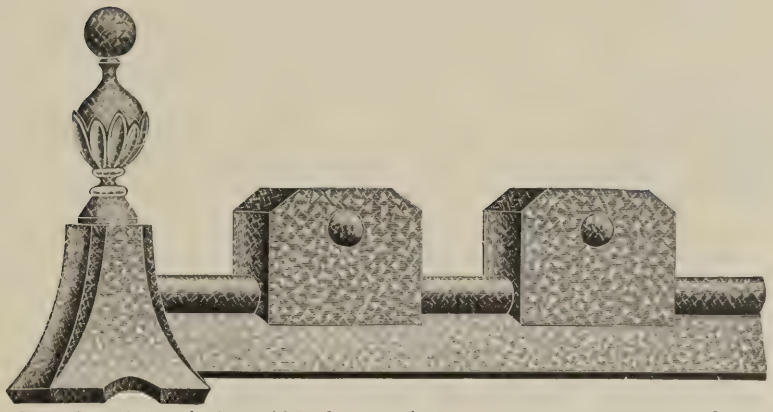
Copyrighted.

Style E.—Height 11 inches; width of Apron 4½ inches.....40 cents per foot.

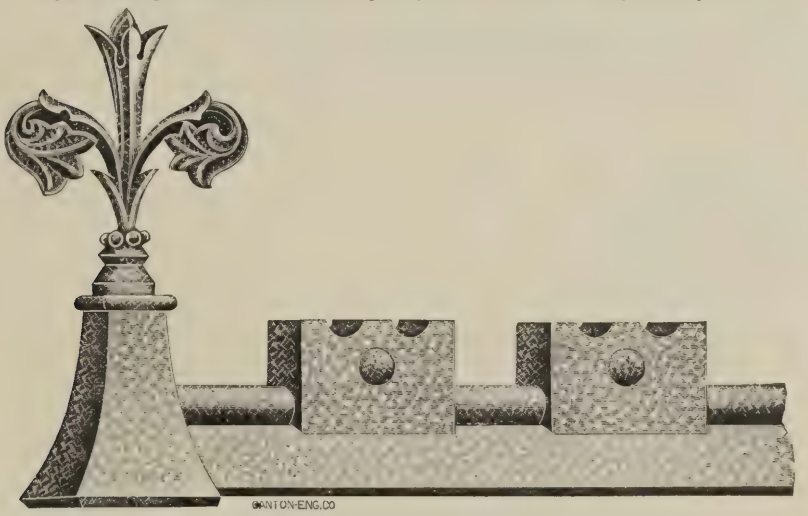


Style F.—Height 11 inches; width of Apron 5 inches.....45 cents per foot.

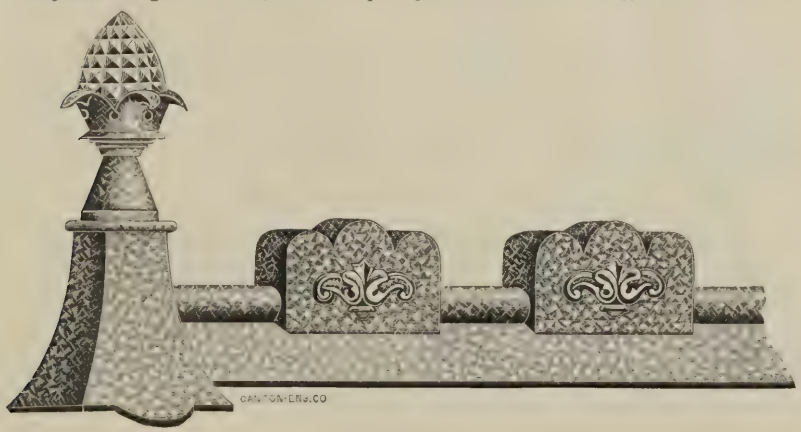
Price and height of Finials, see page 105. See Discount sheet.



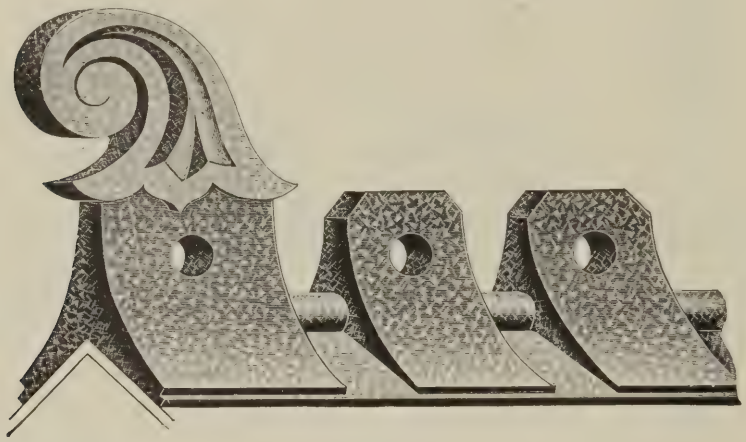
Style G—Height 11 inches, width of Apron 5 inches.....50 cents per foot.



Style H—Height 11 inches, width of Apron 5 inches.....55 cents per foot.

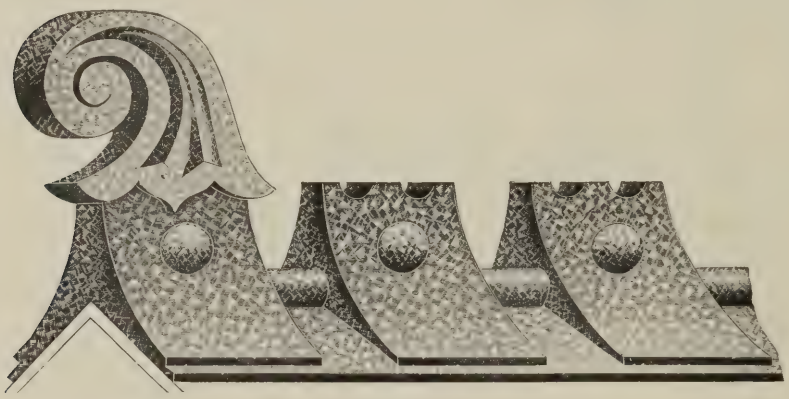


Style I—Height 11 inches, width of Apron 5 inches.....60 cents per foot.
Price and height of Finials see page 99. See Discount Sheet.



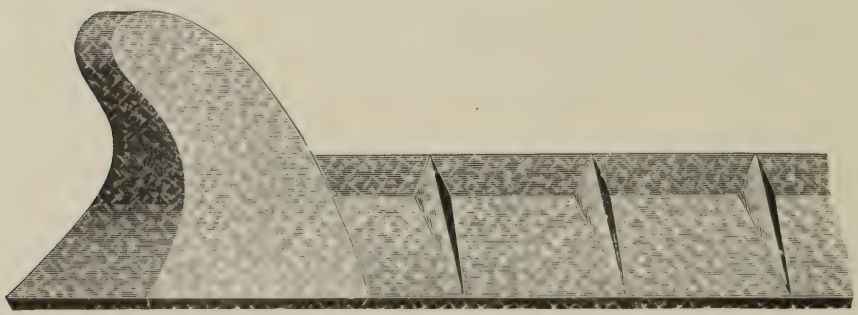
Copyrighted.

Style J—Height 11 inches, width of Apron 5½ inches.....75 cents per foot.



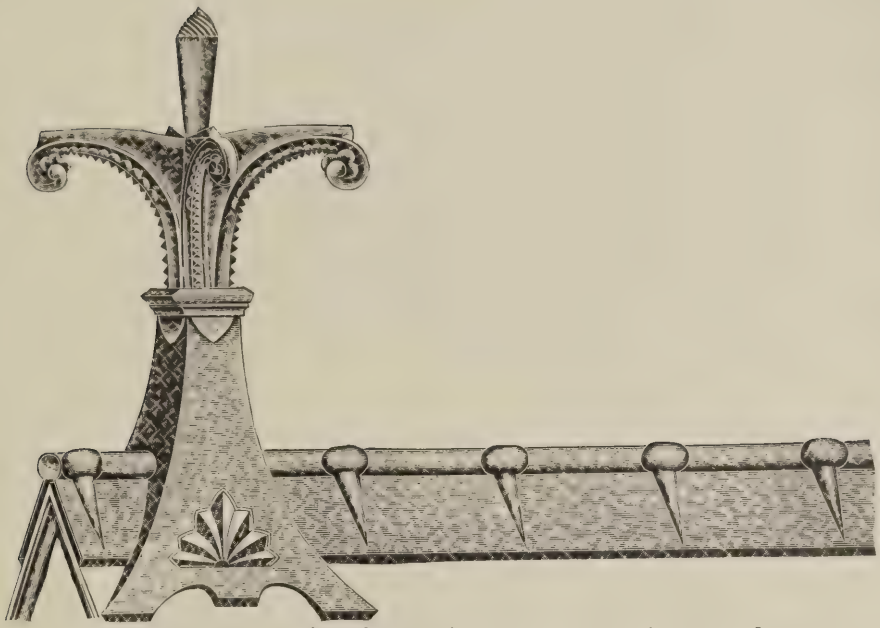
Copyrighted.

Style K—Height 11 inches, width of Apron 5½ inches..... .....80 cents per foot.

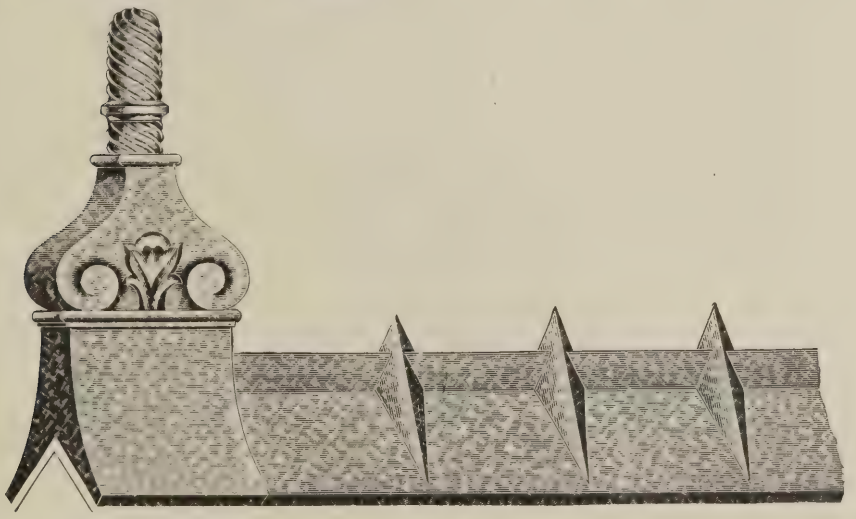


Style L—Height 10 inches, width of Apron 9 inches.....35 cents per foot.

Discount ....per cent.



Style M.—Height 8 in , width of Apron 7 in.....60 cents per foot.



Style O.—Height 12 in., width of Apron 9 in.....40 cents per foot

When ordering Cresting or Finials, always give pitch of roof.

PRICE LIST.—Finials.

Finial,	Style	D,	complete,	Page	96,	Height	24	inches, each	$2.00
"	"	E,	"	"	96,	"	18	" "	2.00
"	"	F,	"	"	96,	"	30	" "	2.00
"	"	G,	"	"	97,	"	24	" "	5.00
"	"	H,	"	"	97,	"	30	" "	4.00
"	"	I,	"	"	97,	"	24	" "	3.25
"	"	J,	"	"	98,	"	24	" "	1.90
"	"	K,	"	"	98,	"	19	" "	8.00
"	"	L,	"	"	98,	"	36	" "	4.50
"	"	M,	"	"	99,	"	30	" "	

Discount.....per cent.

Either design of Finial can be used in combination with any of the above crestings.

Skylights.

With or Without Glass.

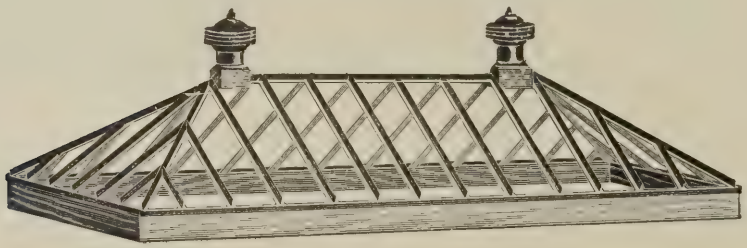
Any style or design. Frames made of Galvanized or Copper.

Either plain, rough, ribbed or wired glass.

The curb of our Skylights are constructed so as to receive the condensation from gutters in the sash bars, and discharge the same through weep holes on to the roof, without soaking between two layers of metal so common in other Skylight construction.

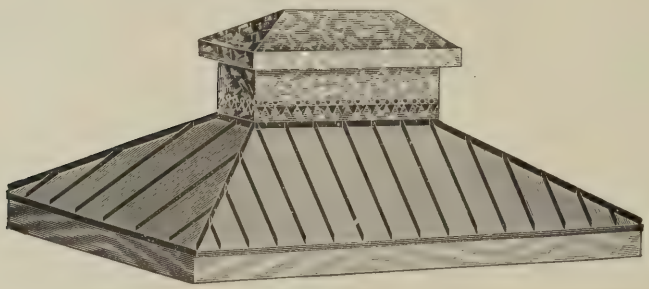
Frames made to fit over Wood Curb.

HIPPED WITH VENTILATOR.



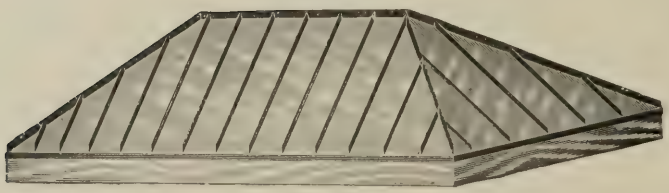
No. 400.

HIPPED WITH VENTILATOR.



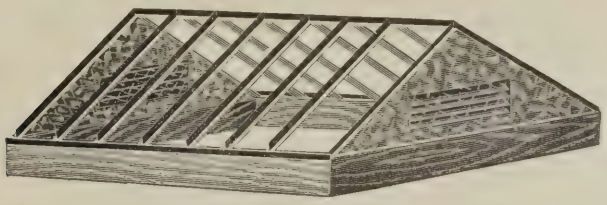
No. 401.

HIPPED.



No. 402.

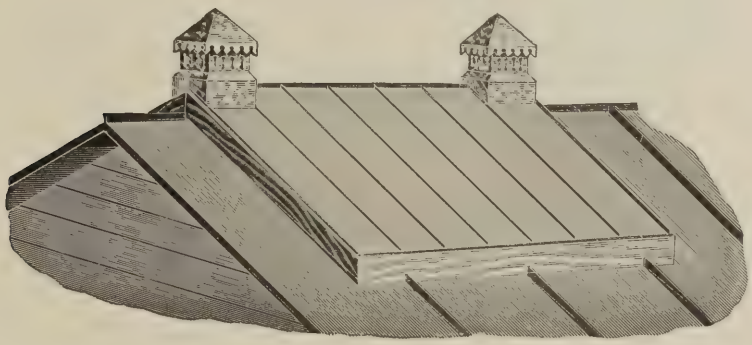
DOUBLE PITCH.



No. 403.

DOUBLE PITCH TO FIT COMB OF ROOF WITH VENTILATOR.

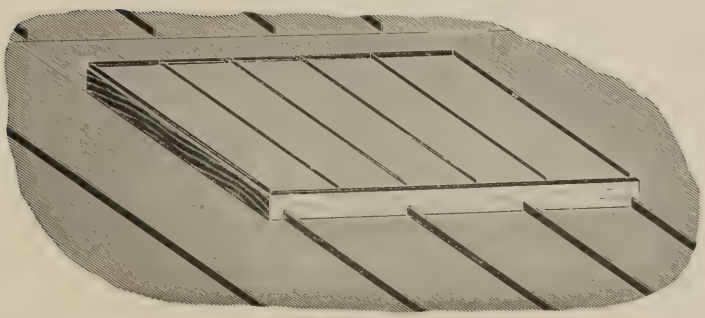
Showing Application to Roof.



No. 404.

SINGLE PITCH.

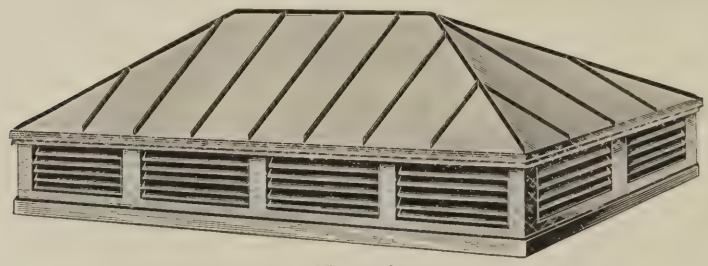
Showing Application to Roof.



No. 405.

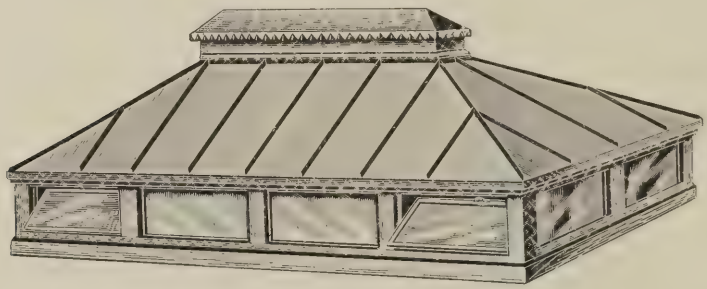
☞ Give measurement outside of curb, and thickness of curb.

HIPPED TURRET SKYLIGHT—With Stationary Louvres.



No. 406.

HIPPED TURRET SKYLIGHT—With Ridge Ventilator and Movable Sashes.



No. 407.

PRICE LIST OF SKYLIGHTS.

SIZE.	Hipped, No. 402.	Hipped Nos. 400 and 401.	Double Pitch, No. 403.	Double Pitch, No. 404.	Single Pitch, No. 405.	Hipped Turret No. 406.	Hipped Turret No. 407.
3 x 3 ft.....	9.90	12.90	9.40	10.40	8.90	.....	.....
3 x 4 ft.....	10.80	14.20	10.80	11.90	10.20	.....	.....
3 x 5 ft.....	13.50	15.00	13.50	14.35	12.00	34.30	63.10
3 x 6 ft.....	16.20	18.00	16.20	17.20	14.40	39.60	72.00
4 x 4 ft	14.40	16.00	14.40	15.50	12.80	35.20	64.00
4 x 5 ft.....	18.00	20.00	18.00	19.20	16.00	44.00	80.00
4 x 6 ft.....	21.60	24.00	21.60	22.75	19.20	47.60	83.60
4 x 7 ft.....	25.20	28.00	25.20	26.90	22.40	53.80	93.40
4 x 8 ft.....	28.80	32.00	28.80	30.50	26.60	60.00	103.20
5 x 5 ft.....	22.50	25.00	22.50	23.50	20.00	48.50	87.00
5 x 7 ft.....	31.50	35.00	31.50	33.00	28.00	62.20	105.00
5 x 8 ft.....	36.00	40.00	36.00	37.60	32.00	69.80	115.25
5 x 9 ft	40.50	45.00	40.50	42.20	36.00	76.90	127.30
5 x 10 ft.....	45.00	50.00	45.00	46.90	40.00	84.00	138.00
5 x 11 ft.....	49.50	55.00	49.50	51.20	44.00	90.00	143.50
6 x 6 ft.....	32.40	36.00	32.40	33.50	28.80	63.60	107.00
6 x 7 ft	37.80	42.00	37.80	39.00	36.60	72.00	123.00
6 x 8 ft.....	43.20	48.00	43.20	44.85	38.40	79.60	137.00
6 x 10 ft.....	54.00	60.00	54.00	56.00	48.00	95.60	158.00
6 x 12 ft.....	64.80	72.00	64.80	67.00	57.60	111.60	177.40
6 x 14 ft.....	75.60	84.00	75.60	78.00	67.20	117.00	203.00
7 x 10 ft.....	63.00	70.00	63.00	64.80	56.00	110.00	176.00
7 x 12 ft.....	75.60	84.00	75.60	78.00	67.20	130.20	187.20
8 x 14 ft.....	100.80	112.00	100.80	103.00	89.60	160.00	302.00

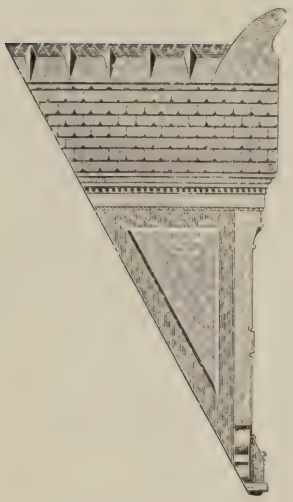
Above prices include ¼ inch Ribbed Glass packed in separate Cases.

Discount.....per cent.

Detail of Construction mailed on application.

Dormer Window.

Made of Galvanized or Copper.



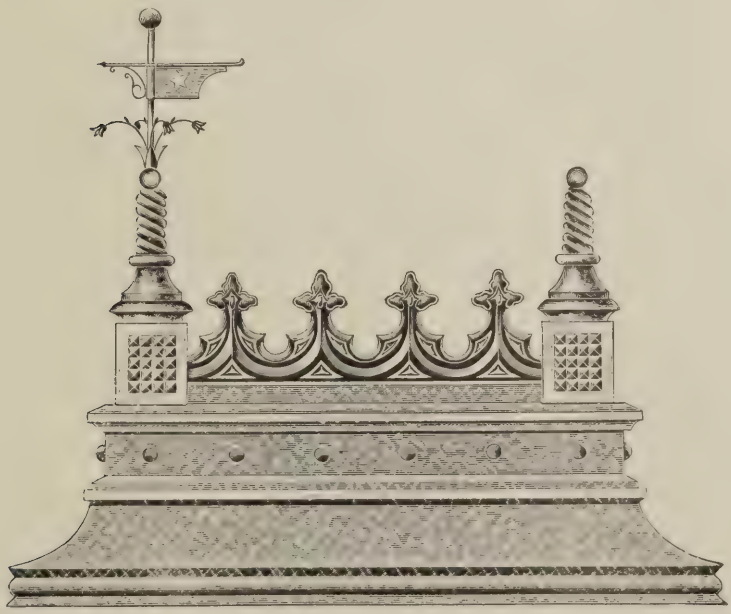
Side View.

Front View.

Price according to size.

Estimates furnished on receipt of Detail Plans of any design.

HIP CAP.



No. 146.

Height 48 inches, length of Ridge 24 inches, price.....$21.60

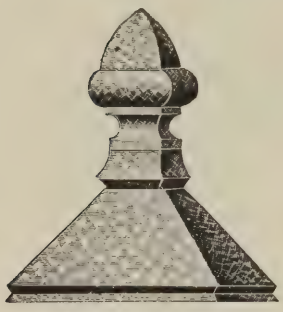
" 48 " " " " 35 " " " 24.00

Add 20 cents to above list prices for each additional inch length.

Discount.....per cent.

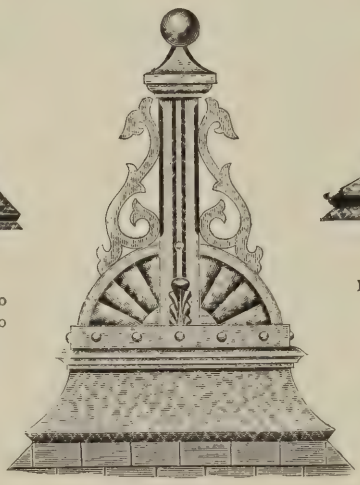
When ordering always give pitch of roof and length of Ridge.

Hip Caps and Tower Ornaments.



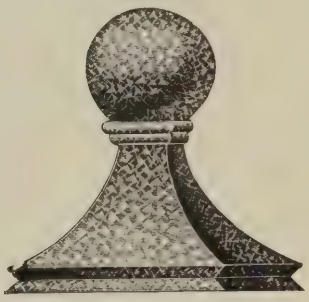
No. 150.

Price 14x28 inches.....$4.00
" 20x24 " 5.00



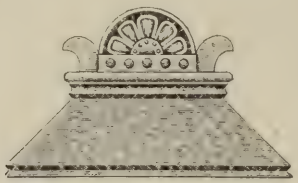
No. 152.

Height 36 inches, length of ridge 12 inches; price..... .....$16.00



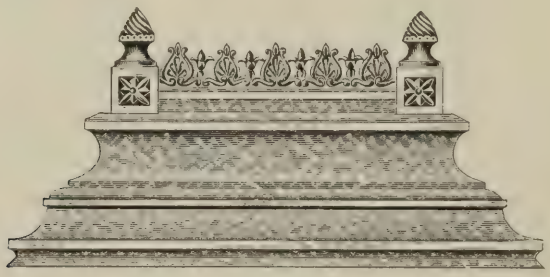
No. 151.

Price 14x18 inches.....$4.00
" 20x24 " 5.00



No. 149.

Height 17 inches, length of ridge 12 inches; price. $8.00



No. 147.

Height 21 inches, length of ridge 24 inches; price.....$12.50

Add 15 cents to above list price for each additional inch in length.

Discount. .....per cent.

When ordering, always give pitch of roof and length of Ridge.

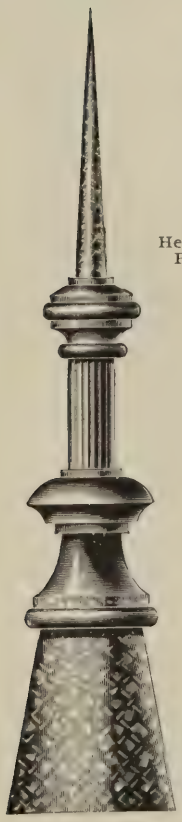
Finials.

No. 156.

Height 3 ft., 6 in.
Price, each, net..$5.00

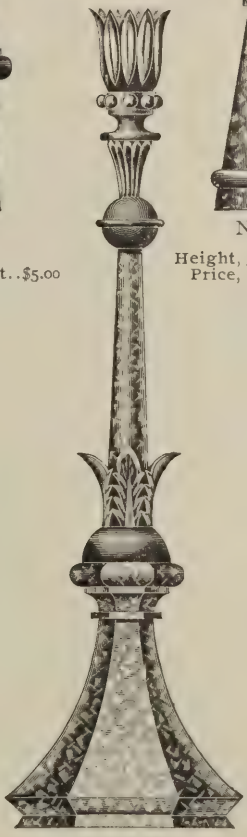
No. 157.

Height, 3ft., 6 in.
Price, each, net, $5.00



No. 153.

Height 4 ft. Price, each, net.....$6.00

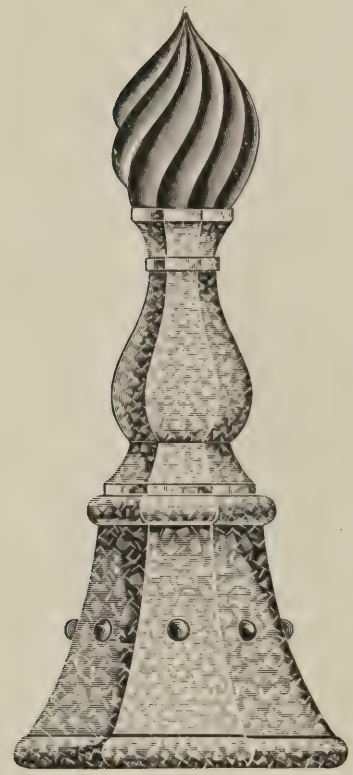


No. 154.

Height 4 feet, 3 in.
Price, each, net, $7.00

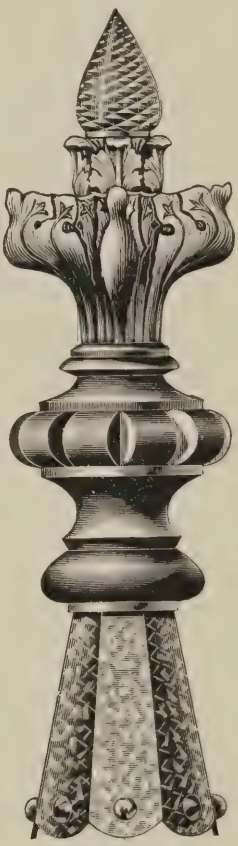
No. 155.

Height 4 ft. 9 in.
Price, each, net, $7.00



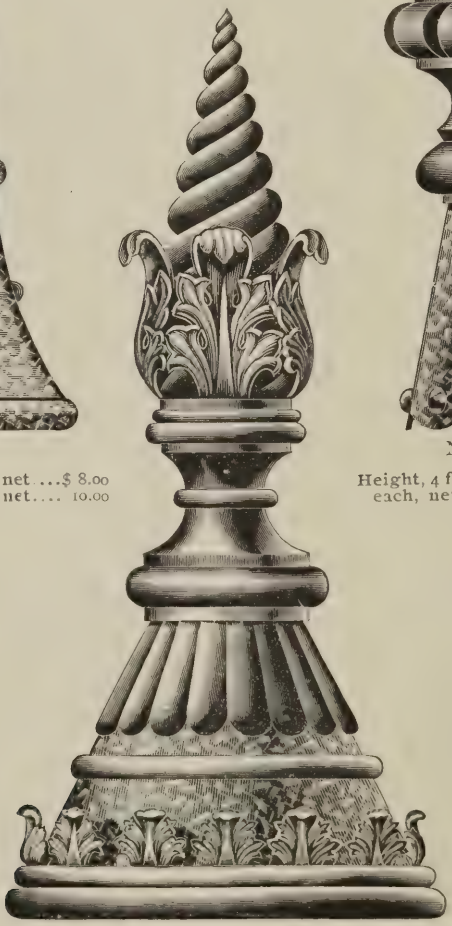
No. 161.

Height, 3 feet. Price, each, net ...$ 8.00
Height, 4 feet. Price, each, net.... 10.00



No. 162.

Height, 4 ft. 3 in. Price, each, net.....$15.00

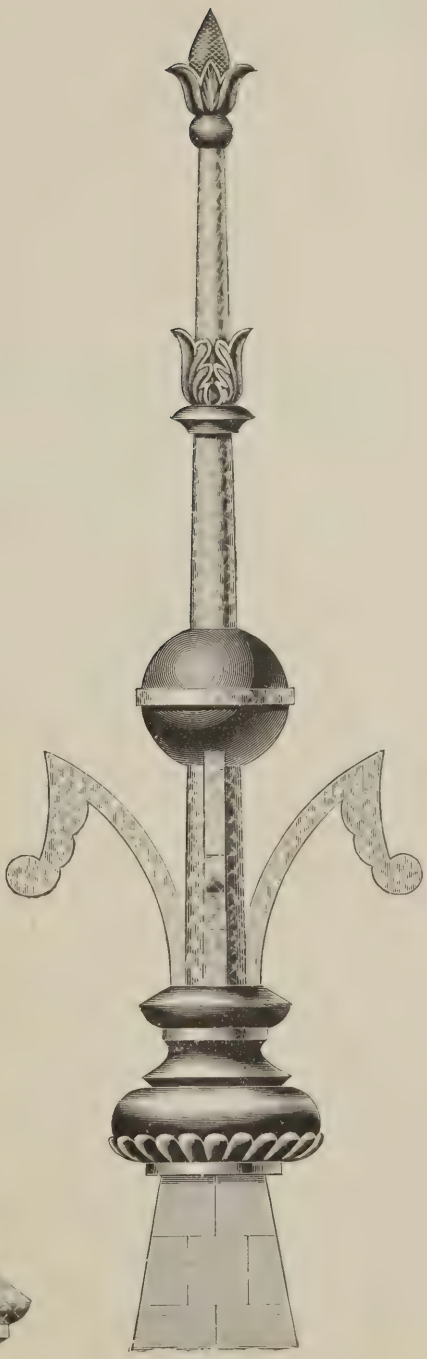


No. 163.

Height, 4 feet, 8 inches. Price, each net $20.00

No. 164.

Height, 6 feet, 6 inches. Price, each, net, $20.00.

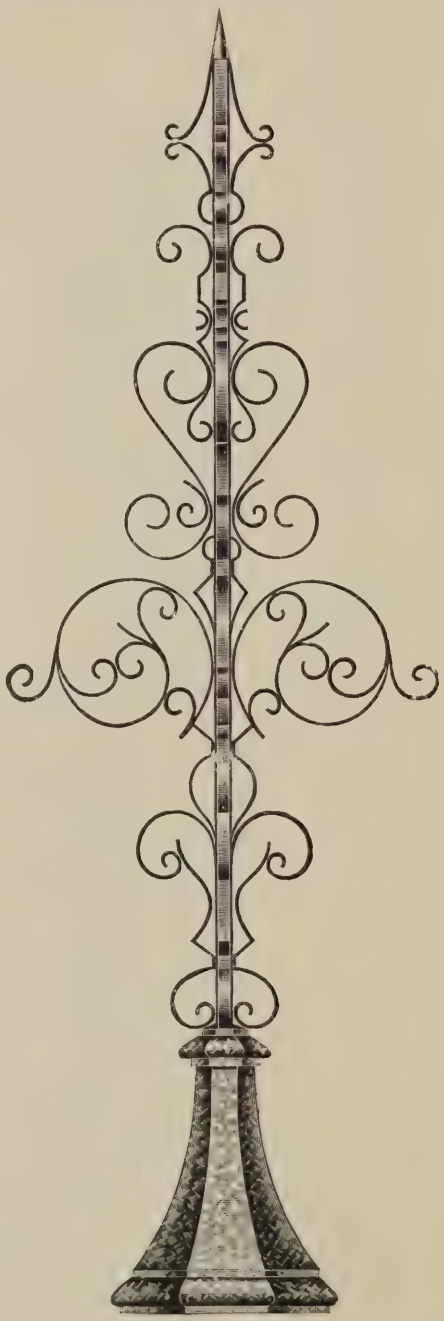


No. 165

Height, 6 feet. Price, each, net, $15.00.

No. 166.

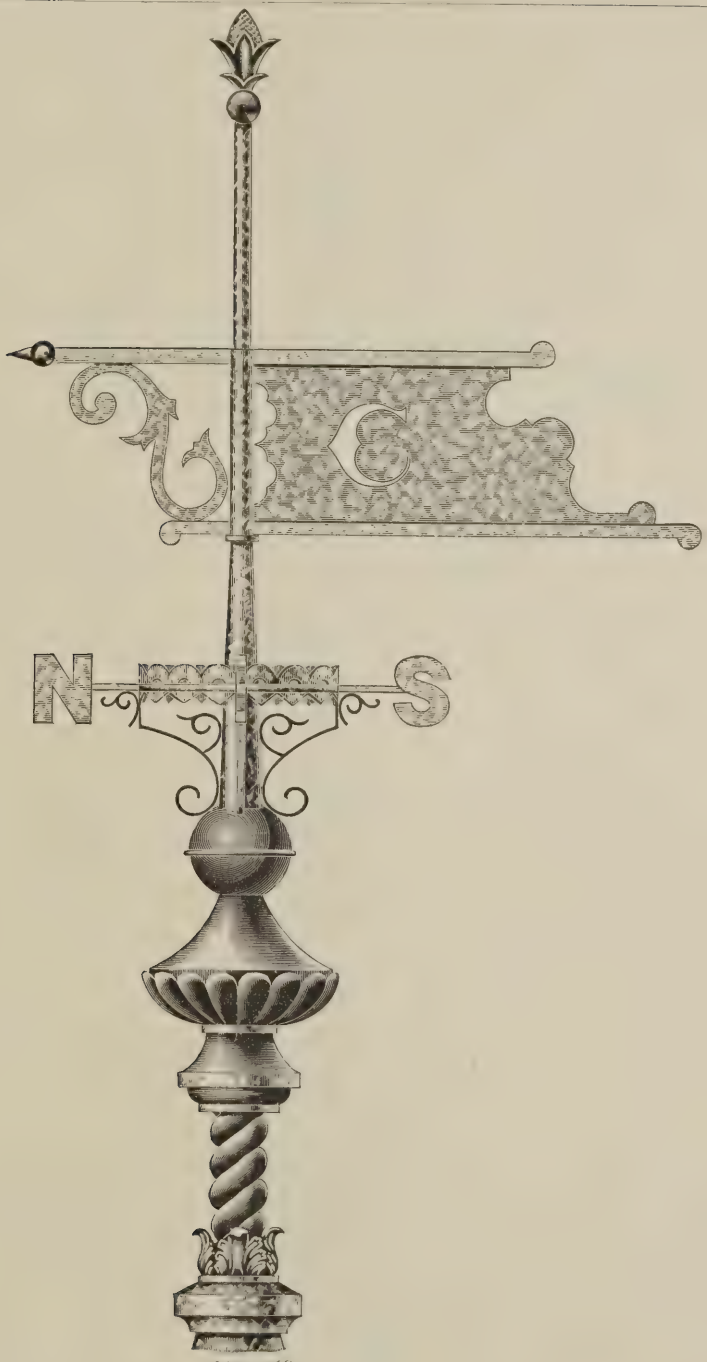
Height, 6 feet. Price, each, net, $22.00



No. 167.

Wrought Iron with Galvanized Base.

Height, 9 feet. Price, each, net.....$15.00

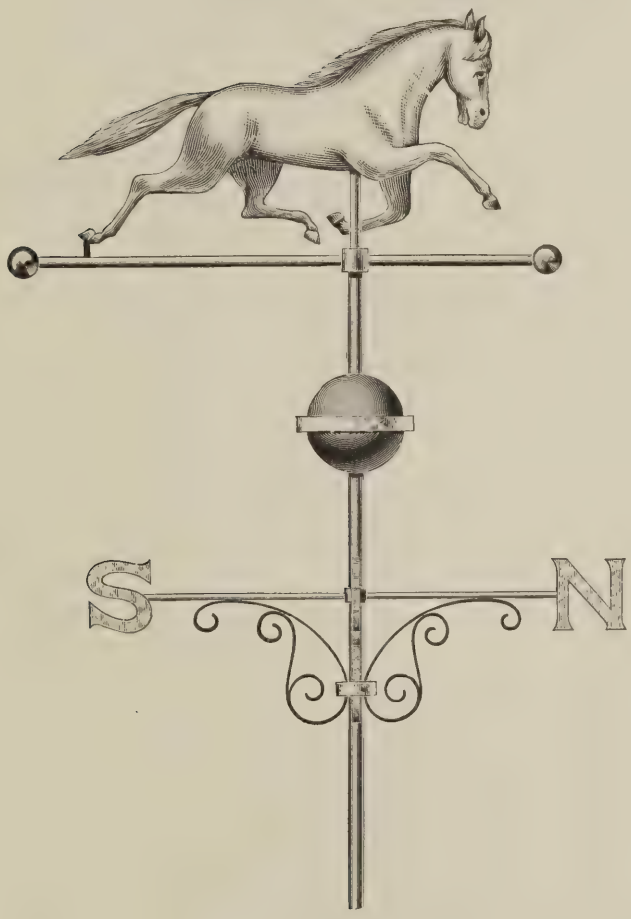


No. 168.

Height, 7 feet. Price, each, net..... .....$25 00

No. 169.

Height, 7 feet, 3 inches.
Price, each, net $25.00



No. 170.

Height, 3 feet. Price, complete, each, net.....$15.00

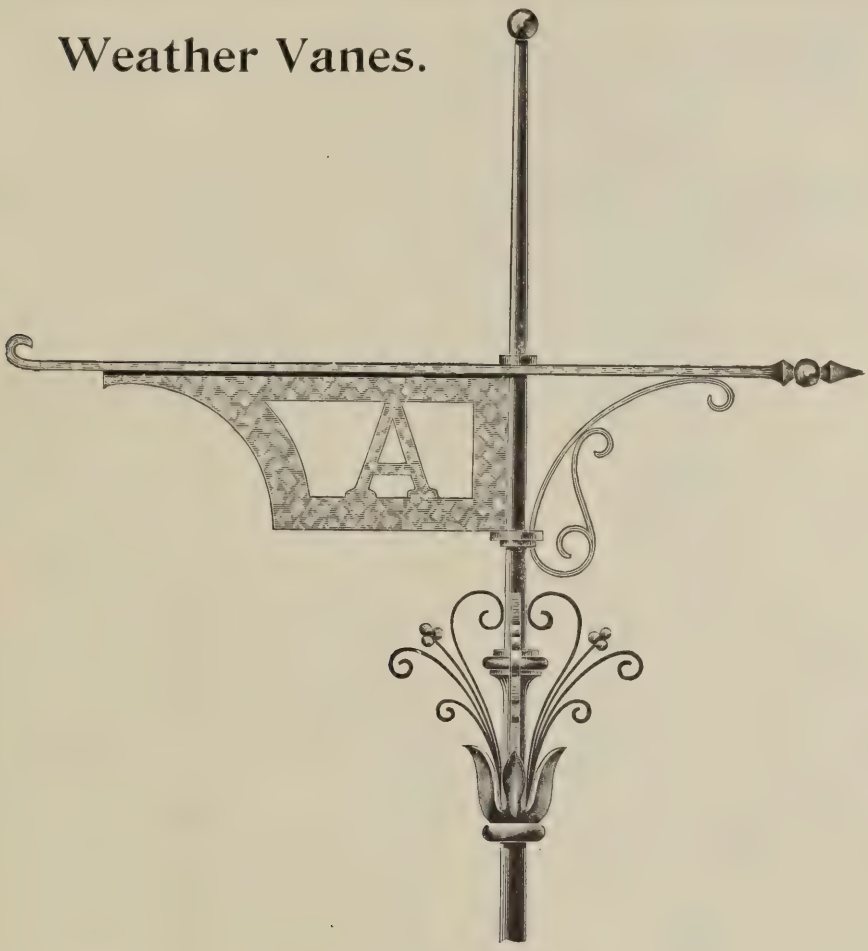
Horse, 21½ inches long, with plain rod. Price each, net..... ..... 8.00

No. 171.
Height, 6 feet. Price, each, net.....$20.00

No. 172.
Height, 5 feet. Price, each, net....$20.00

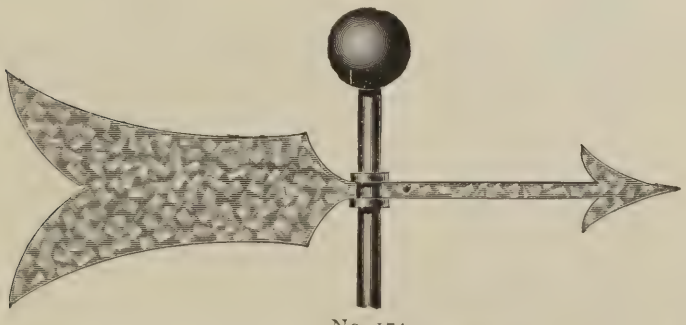
Any size made to order.

Weather Vanes.



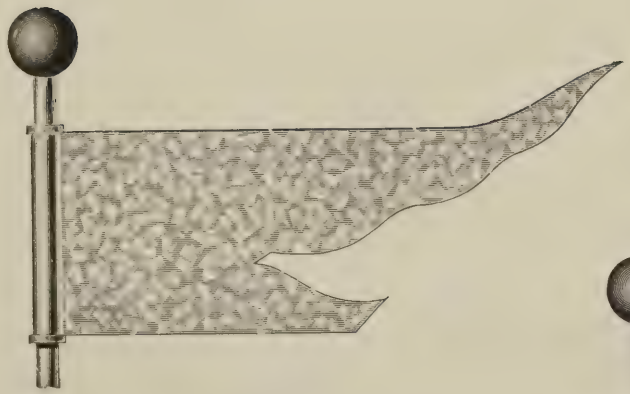
No. 173.

Height, 3 feet, 6 inches, length of Vane, 3 feet. Price, each, net.....$10.00

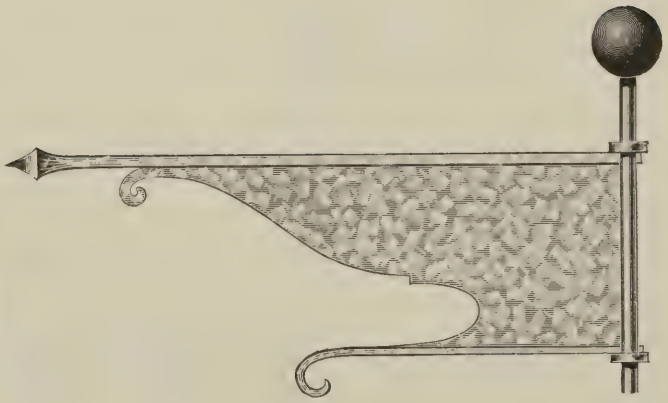


No. 174.

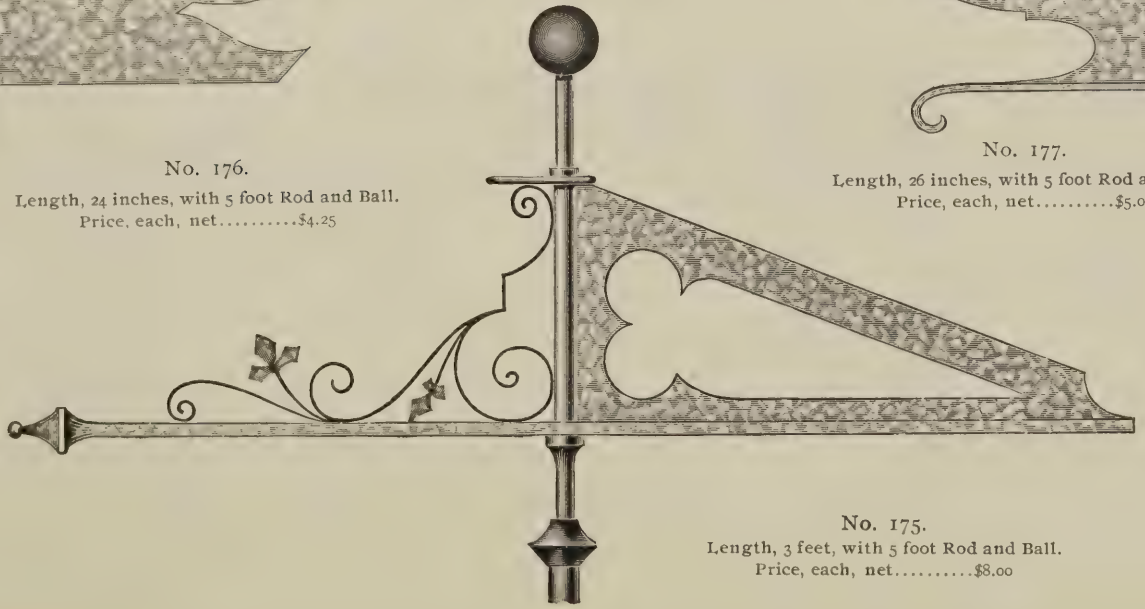
Length, 28 inches, with 5 foot Rod and Ball. Price, each, net.....$4 00



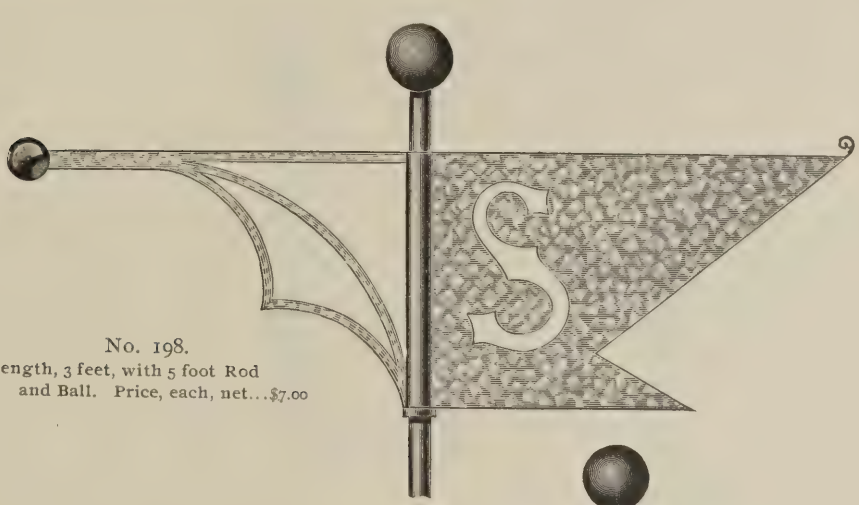
No. 176.
Length, 24 inches, with 5 foot Rod and Ball.
Price, each, net.....$4.25



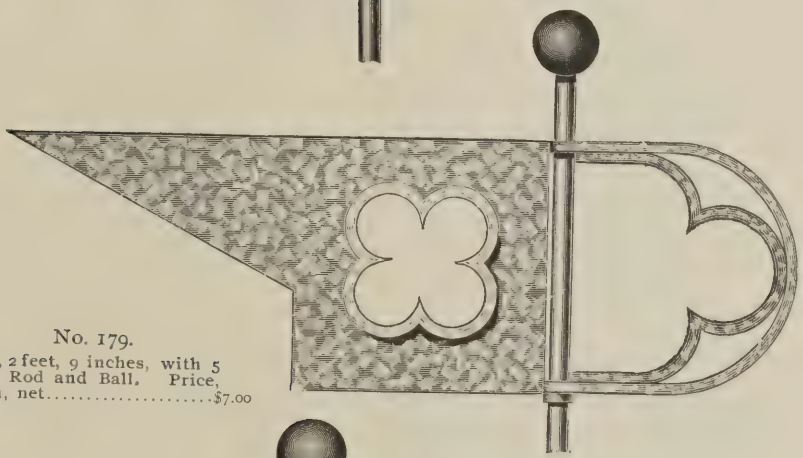
No. 177.
Length, 26 inches, with 5 foot Rod and Ball.
Price, each, net.....$5.00



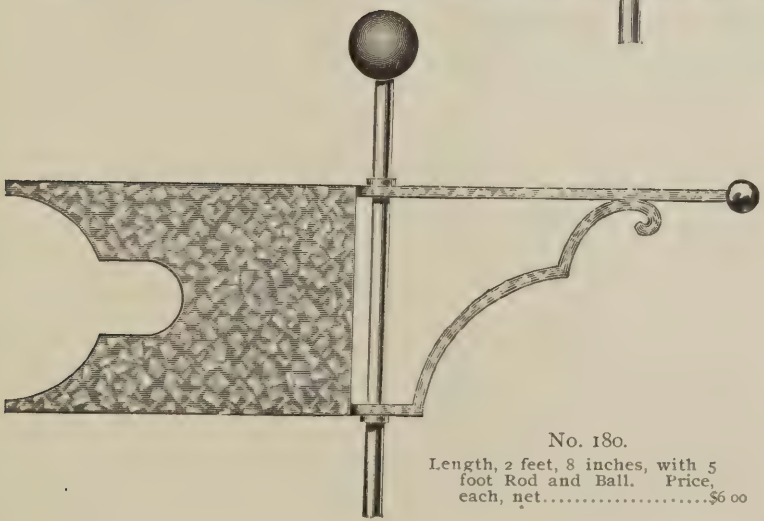
No. 175.
Length, 3 feet, with 5 foot Rod and Ball.
Price, each, net.....$8.00



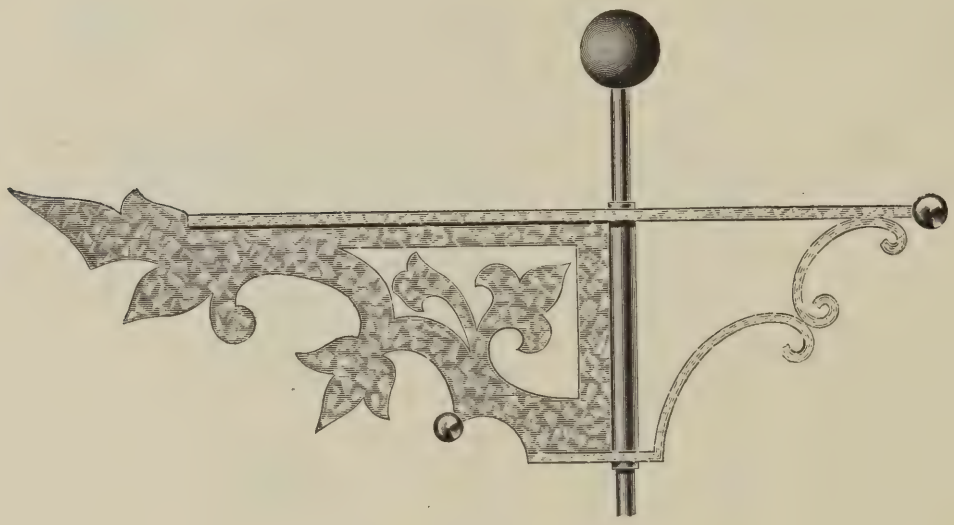
No. 198.
Length, 3 feet, with 5 foot Rod and Ball. Price, each, net...$7.00



No. 179.
Length, 2 feet, 9 inches, with 5 foot Rod and Ball. Price, each, net.....$7.00

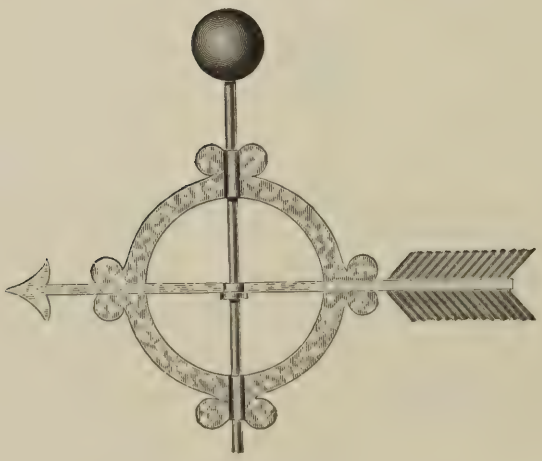


No. 180.
Length, 2 feet, 8 inches, with 5 foot Rod and Ball. Price, each, net.....$6 00



No. 181.

Length, 3 feet, with 5 foot Rod and Ball. Price each, net..... .....$8.00



No. 182.

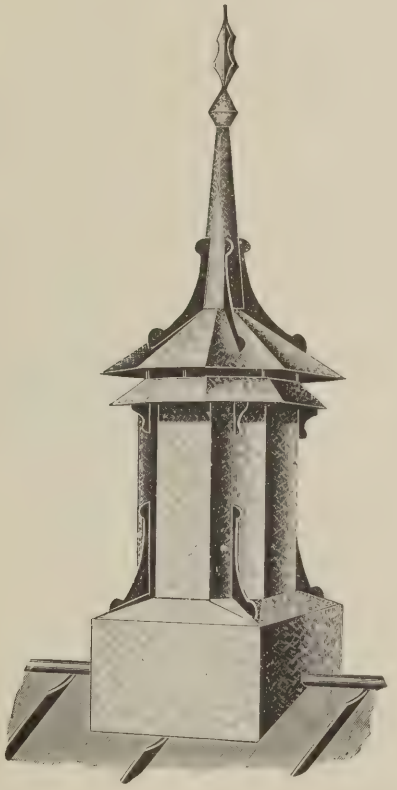
Length, 2 feet, with 5 foot Rod and Ball. Price, each, net..... .....$5.00
Length, 2 feet, 6 inches, with 5 foot Rod and Ball. Price, each, net..... 5.50

The Monarch Ventilator.

Round and Octagon.

Fig. 35.

Fig. 36.



For Barns, Factories and other Buildings. Copyrighted 1892.

Made of No. 24 Galvanized in 5 sizes.

The nicest, strongest and most durable ventilator for such buildings.

The corners of base and cone top are bracketed with bar iron.

No. 1.—Base, 14 inches square; diameter of drum, 10 inches; height, 3 feet 9 inches; price, $10.00.

No. 2.—Base, 18 inches square; diameter of drum, 12 inches; height 5 feet; price $12.00.

No. 3.—Base, 22 inches square: diameter of drum, 15 inches; height, 6½ feet; price, $15.00.

No. 4.—Base, 28 inches square; diameter of drum, 21 inches; height, 8½ feet; price $18.00.

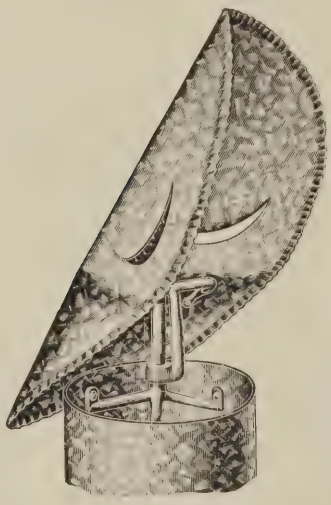
No. 5.—Base, 25 inches square; diameter of drum, 29 inches; height, 11 feet; price, $22.50. Nos. 3, 4 and 5 are used most.

☞ We can furnish weather vanes for ventilators, if wanted. See discount sheet.

The Ludwig Patent Chimney Top.

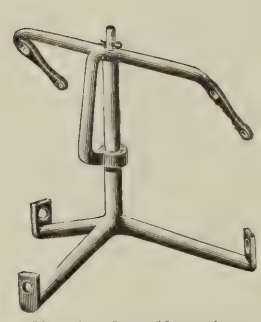
Patented January 16, 1894.

DOES NOT CHOKE UP WITH SOOT.



ADJUSTS WITH THE SLIGHTEST PRESSURE OF WIND.

Cut Shows Iron Mountings With Vane Complete.



Showing Iron Mountings Only.

THE LATEST AND BEST CHIMNEY TOP MADE.

A sure cure for Smoking or poor drawing Chimneys. The Vane is formed of a single piece, oval in shape, providing in itself the Vane for controlling the position of the cap.

We furnish Iron Mountings packed six sets, complete, in a box, including patterns free for making Cover and Vane, which any Tinner can make.

Can also furnish Cover and Vane complete.

PRICE LIST.

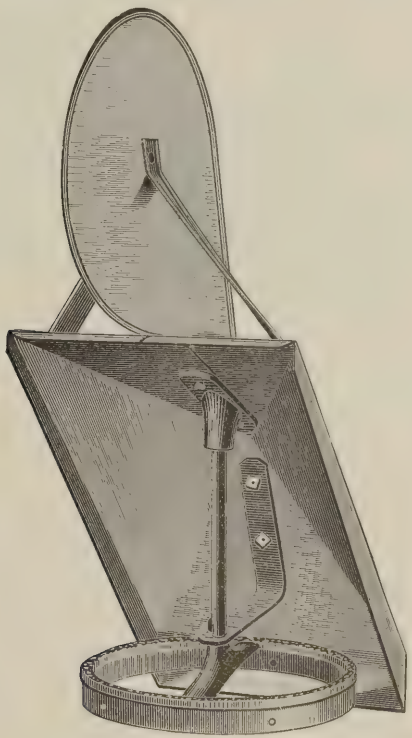
	Iron Mountings Only.	With Cover & Vane Complete—Nested.
7 inch, per dozen	$13.50	$24.00
8 " "	15.00	26.00
10 " "	18.00	30.00
12 " "	22.50	35.00

Discount..... ....per cent.

☞Smoke Stacks of any size or style of Black Iron or Galvanized made to order and quoted on receipt of specifications.

THE POWERS'
Patent Revolving Chimney Top.

Iron Mountings as Furnished by Us.



Above shows Top complete.

Is a sure cure for poor drawing chimneys. You can prevent this every time by putting a low sheet iron smoke stack on chimney and on the smoke stack a Powers' Revolving Chimney Top. We furnish Iron Mountings as shown above, packed 6 set irons complete in wood box. In each box we put in patterns free for making cover and vane. Any tinner can make them. They are effective, simple and durable. They adjust with the slightest pressure of wind. The wind blowing past the sides creates a suction, drawing smoke and soot out. They don't choke up with soot like stationary ventilators. They make also a good weather vane.

PRICE LIST.

	Iron Mountings only.	With Cover and Vane Complete.
7 inch..... per dozen set,	$13.50	$24.00
8 inch..... " " "	15.00	26.00
10 inch..... " " "	18.00	30.00
12 inch..... " " "	22.50	35.00

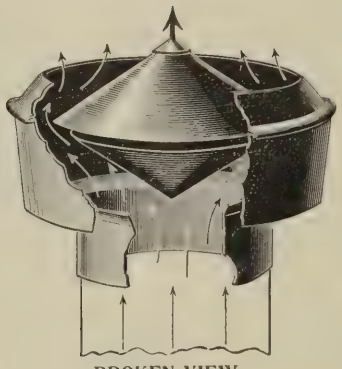
Discount..... per cent.

In ordering less than half dozen sets of irons, state if pattern for cover and vane is wanted.

The Pancoast Ventilator.

A Ventilator that will Ventilate.

GENERAL VIEW.



BROKEN VIEW.

The Latest Improved, Most Scientific.

HANDSOME, STRONG, EFFECTIVE, DURABLE.

For mills, factories, schoolhouses, churches, refineries, founderies, depots, roundhouses, train sheds and residences.

Removes all smoke, gases and fumes.

Made of best sheet metal and then galvanized, leaving no raw or unprotected edges to rust.

Do not become injured by shipping as much as others.

PRICE LIST.

Size.	Area.		
2 inch	3¼	square in.	$ 1.00 each
3 "	7	"	1.50 "
4 "	12½	"	1.75 "
5 "	19½	"	2.50 "
6 "	28¼	"	3.40 "
7 "	38½	"	4.00 "
8 "	50¼	"	4.65 "
9 "	63½	"	5.20 "
10 "	78	"	5.75 "
12 "	113	"	6.75 "
14 "	154	"	13.00 "
16 "	201	"	20.00 "
18 "	245	"	27.33 "
20 "	314	"	33 00 "
22 inch	380	square in.	$ 36.00 each
24 "	452	"	40.00 "
26 "	530	"	50.00 "
28 "	615	"	56.00 "
30 "	707	"	65.00 "
32 "	804	"	80.00 "
34 "	909	"	100.00 "
36 "	1018	"	120.00 "
40 "	1258	"	180.00 "
44 "	1520	"	200.00 "
48 "	1810	"	240.00 "
54 "	2290	"	300.00 "
60 "	2827	"	360.00 "

Any size made to order.

Discount..... .....per cent

When used as Chimney Caps, capacity of Ventilator should be a little greater than the flue opening. Thus for 4 x 12 opening use 8 inch Ventilator.

No. 1 Fire Pot.

For Tinners and Galvanized Iron Workers.

Guaranteed best in use.

Rapidly superseding all others.

Greater capacity, cleaner to work, more easily cleaned.

With No. 1 fire pot, a kettle of solder or lead can be kept hot enough to wipe joints and at the same time, without removing kettle from the fire, there is sufficient room to heat and keep soldering irons ready for use.

No. 1 fire pot will heat all the metal and solder coppers two men can use at same time.

There is no other fire pot made that can do this.

NOTICE.

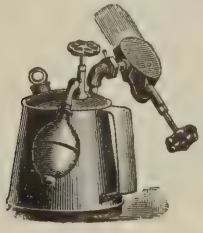
The "Special" fire pot is the same as the No. 1, except of slightly less capacity, though greatly more than any other fire pot at so low a price.

PRICE LIST.

No. 1 Fire Pot.....$6.00 net.
Special Fire Pot..... 4.50 "

No. 1 Torch.

For Painters, Plumbers and Electricians.



Price.....$4.00 net.

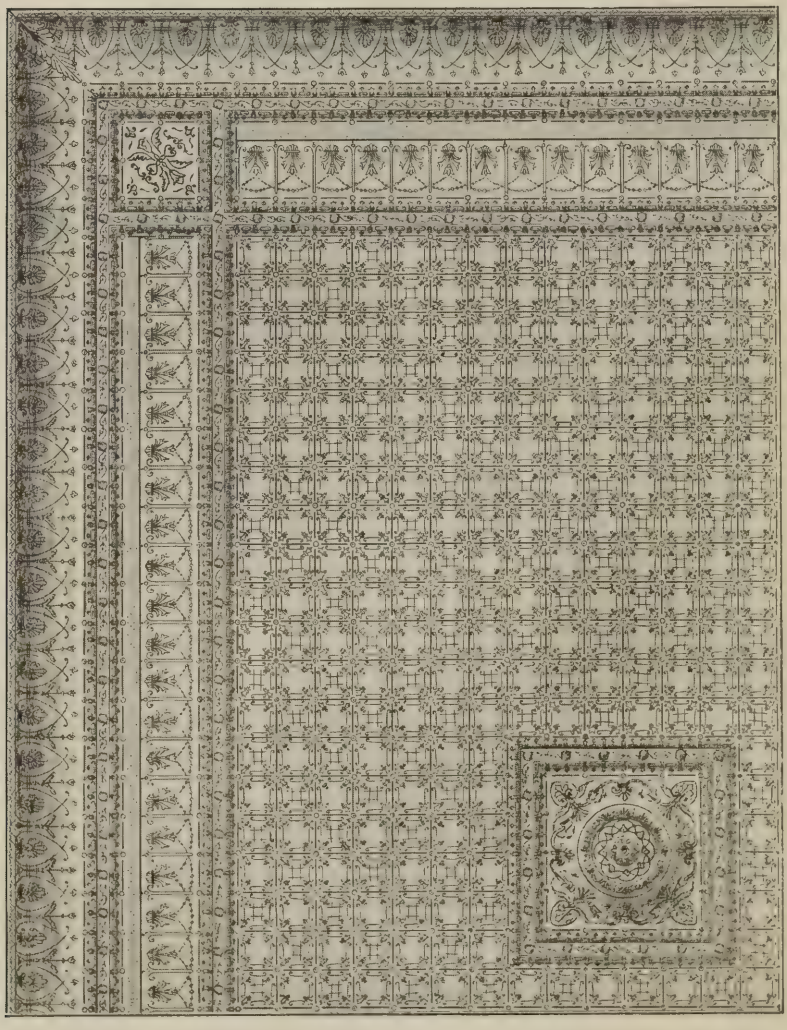
Guaranteed the best in use.

Larger sizes of fire pots for plumbers, quoted on application.

We can furnish duplicate parts for repairs at reasonable prices, when wanted.

Ornamental Steel Ceilings.

Latest Designs and Best Construction.



Special Catalogue and prices mailed on application.

Telegraphic Cypher Code.

All Telegrams must be prepaid.
Rolls or sheets understood according to form usually shipped.
No. 28 Gauge sent unless otherwise specified.
Nails, Paint and Tools not shipped unless specified.

SMITH'S PATENT ROOFING.

Graphite, Painted.....Abate.
Galvanized, not painted.....Abide.
Including Paint only.....Ad.
Including Nails only.....Age.
Both Paint and Nails.....Adage.
IX Tin Roofing Rolls.....Actor.
IC Tin Roofing Rolls.....Accost.
Galvanized, Soldered.....Abode.
Tin Roofing, Soldered.....Accent.
Folded Seam Roofing.....Addict.
Roll and Cap Roofing, painted.....Alarm.
Roll and Cap Roofing galvanized..Alert.
Pressed Standing Seam, plain.....Albright.
" " " beaded....Arise.
Cluster Slate Roofing.....Assent.
Cluster Shingle Siding.....Assist.
Eastlake Shingles.....Avail.
Gothic Tile.....Avenge.

NEPONSET RED ROOFING FABRIC.

250 Foot Rolls.....Attend.
500 " .....Abroad.

BLACK NEPONSET SHEATING PAPER.

250 Foot Rolls.....Attire.
500 " .....Attain.
Dry Rosin Sized Grey Sheeting....Averse.
Machine Waxed Sheathing Paper..Avert.
Slaters' Felt.....Alike.
Buff Rope Manilla.....Avoid.

PAINT.

Graphite Paint (paste form).....Bear.
" " (ready mixed).....Brush.
Red Paint (dry).....Brat.
" (paste form).....Brick.
" (ready mixed).....Back.
Elastic Roof Cement.....Cement.

CORRUGATED ROOFING AND SIDING.

Painted, Uuless Otherwise Specified.

4 Foot Sheets.....Chase.
5 " " .....Car.
6 " " .....Cage.
7 " " .....Cake.
8 " " .....Calm.
9 " " .....Cap.
10 " " .....Claim.
1¼ inch Size Carrugations.....Clod.
2 " " " .....Cob.
2½ " " " .....Coal.
3 " " " .....Comb
No. 28 Gauge.....Castle.
No. 27 Gauge.....Carp.
No. 26 Gauge.....Case.
No. 24 Gauge.....Cat.
No. 22 Gauge.....Card.
No 20 Gauge.....Cell.
No. 18 Gauge.....Cent.
Crimped Edge Roofing.....Cone.
Three Crimp Roofing.....Cook
Beaded Siding.....Corn.
½ inch Crimp.....Card.
3-16 inch Crimp. painted steel.....Cry.
3-16 inch Crimp, Galvanized.....Clock.

For gauge and length of sheets use Corrugated Code.

Corrugated Ridge Roll.....Coat.
Corrugated Ridge Capping.....Crow.
To fit 2-inch Corrugation.....Cob.
To fit 2½ inch Corrugation.....Coal.
Plain Ridge Roll, painted steel....Crab.
Plain Ridge Roll, galvanized.....Cradle.
1¼ inch size.....Crew.
1½ inch size.....Cup.
2 inch size.....Crack.
3 inch size.....Claw.
Plain Ridge Cap, painted steel....Cable.
" " " galvanized.....Calendar.
Corrugated Wood Ridge Joint.....Cane.
Corrugated End Wall Flashing....Curl.
Corrugated Side Wall Flashing....Craft
Weatherboard Siding.....Day.
Pressed Brick Siding.....Dale
Rock Faced Brick Siding.....Dame.
Rock Faced Stone Siding, No. 71..Die.
Rock Face Stone, No. 72.....Dab.
" " " No. 73.....Dace.
" " " No. 74.....Dagg.
" " " No. 75.....Daft.
Caps No. 120.....Dare.
" No. 121.....Dark.
" No. 122.....Dart
" No. 123.....Dash.
Corner Finish, plain brick.....Dell.
" " Rock Faced Brick...Den.
" " " " Stone...Desk.
Pilasters, Plain Brick.....Dial.

To avoid mistakes, order from our 1896 Catalogue.

Pilasters Rock Faced Brick.....Dew.
" " " Stone.....Dime.
Gal. Slip Joint Eaves Trough ½ R and ½ L.....Dirt.
IX Terne Slip Joint Eaves Trough ½ R and ½ L.....Disk.
IC Terne Slip Joint Eaves Trough ½R and ½L.....Dock.
Gal. Lap Joint Eaves Trough.....Doll.
IX Terne Lap Joint Eaves Trough..Dome.
IC Terne Lap Joint Eaves Trough..Dove.
Double Bead Slip Joint.....Eat.
Double Bead Lap Joint.....Egg.
3 inch.....File.
3½ inch.....Fish.
4 inch.....Flag.
4½ inch.....False.
5 inch.....Foal.
6 inch.....Fort.
7 inch.....Form.
8 inch.....Fowl.
Slip Ends Complete.....End.
" " Caps "B".....Err.
Drops "C".....Each.
Mitres Slip Joint right, Galv.....Face.
" " " left, Galv.....Fake.
" " " right, Terne....Fan.
" " " left, Terne.....Farm.
" Lap " galvanized.....Fence.
" " " Terne.....Fire.

If inner or outer is not specified one-half of each will be sent.

Belding]Roof Gutter, Galvanized..Fox
Plain Roof Gutter, Gal., Style A...Fun.
" " " " " B...Fate.
Quarter Circle Gutter, Galvanized Style C.....Gain.
Box Gutter, Galv., style D.....Gall.
" " " " E.....Gold.
" " " " F.....Gin.
O. G. " " " G.....Gas.
O. G. " " " H.....Goat.
O. G. " " " J.....Gun.
Acme Eaves Trough Hangers.....Gay.
Gross with Rods & Nuts complete..Gig.
Gross with Straps riveted to cross bars.....Grief.
¾ inch Bead.....Gath.
½ inch Baad.....Gale.
⅝ inch Bead.....Galt.
Double Bead.....Gone.
Hanger Tongs.....Guard.
Standard Wire Hangers.....Gap.

For sizes use Eaves Trough Sizes Code.

Corrugated Gal. Cond., round.....Hall.
" " " square.....Hay.
Plain Lock Seam Gal. Conductor, round.....Ham.
Plain Lock Seam Gal. Conductor, square.....Hand.
IC Plain Lock Seam Conductor, round.....Hare.
IX Plain Lock Seam Conductor, round.....Hash.
2 inch size.....Head.
3 inch size.....Hen.
4 inch size.....Heat.
5 inch size.....Herd.
6 inch size.....Hill.
7 inch size.....Home.
8 inch size.....Horn.
Corr. Elbows round No. 1.....Hat.
" " " " 2.....Hip.
" " " " 3.....Hope.
" " " " 4.....Hose.
" square " 1.....Help.
" " " 2.....Heart.
" " " 3.....Habit.
Corr. Shoes, round " 3.....Hack.
" square " 4.....Honey.

Use Conductor Pipe Code for sizes.

Adjustable Elbows, galvanized....Hammock.
" " tin.....Hamper.
O. H. one Piece Elbow, Gal.....Hardy.
" " " tin.....Herald.
" " Shoes Gal.....Hero.
" " " tin.....Hive.
Flat Crimped Elbows, Gal. No. o..Ink.
" " " " " 1..Ice.
" " " " " 2..Ida.
" " " " " 3..Ideal.
" " " " " 4..Ignore.
" " Shoes " ..Image.

If flat crimped Elbows of Tin are wanted add the word TIN. For size use Conductor Pipe Code.

Cut-Off, style A. Gal.....Imitate.
Cut-Off, style A. tin.....Import.
Cut-Off, style B. Gal.....Imperial.
Cut-Off, style B. tin.....Improve.
Cut-Off, style C. Galv.....Incline.
Cut-Off, style C. tin.....Interest.
Solder Genuine.....Index.
Solder Columbian.....Insist.
Cresting Blocks, No. 400.....Jab.
" " " 401.....Jack.
" " " 402.....Jail.
" " " 403.....Jar.
" " " 404.....Japan.
" " " 405.....Jelly.
" " " 406.....Jest.
" " " 407.....Jewel.
" " " 408.....Joss.
Finials for Blocks, No. 300.....Jog.
" " " 301.....Judge.
" " " 302.....Jump.
" " " 303.....Journal.
" " " 304.....Justice.
" " " 305.....Jury.
" " " 307.....Julian.

Ornamental Ridgings, Style A.....Katy.
" " " B.....Keep.
" " " C.....Kick.
Galvanized Crestings, Style D.....Kite.
" " " E.....Kill.
" " " F.....Kind.
" " " G.....King.
" " " H.....Kiss.
" " " I.....Kitchen.
" " " J.....Knee.
" " " K.....Knock.
" " " L.....Kern.
" " " M.....Knit
" " " N.....Knob.
Cresting Finials, style D.....Knoll.
" " " E.....Knowledge.
" " " F.....Knuckle.
" " " G.....Knife.
" " " H.....Key.
" " " I.....Kidney.
" " " J.....Kansas
" " " K .....Kentucky.
" " " L.....Kettle.
" " " M.....Kale.
" " " O.....Keech.

Cornice No. 500, height, 26 in.....Lace.
" " 500, " 35 in.....Lake.
" " 501.....Lamp.
" " 502.....Land.
" " 503.....Lap.
" " 504.....Lard.
" " 505.....Lash.
" " 506.....Leaf.
" " 511.....Life.
" " 512.....Lip.
" " 513.....Lie.
" " 514.....Lock.
" " 515.....Labor.
" " 516.....Lance.
" " 517.....Latin.
" " 518.....Launch.
Crown Moulding, No. 550.....Load.
" " " 551.....Log.
" " " 552.....Lot.
" " " 553.....Low.
Belt Mouldings, No. 560.....Lecture.
" " " 561.....Labor.
Ceiling " " 570.....Lady.
" " " 571.....Ladder.
Parting Strip, No. 580.....Large.

Hip Cap, No. 146.....Mend.
" " 152.....Merce.
" " 149.....Merry.
" " 147.....Metal.
Window Caps, No. 100.....Mace.
" " " 101.....Man.
" " " 102.....Malt.
" " " 103.....Most.
" " " 104.....Meat.
" " " 105.....Mile.
" " " 106.....Mint.
" " " 107.....Moss.
Window Caps, No. 108.....Map.
" " " 109.....Machine.
" " " 110.....Magic.
" " " 111.....Mist.
" " " 112.....Money.
" " " 113.....Moral.
" " " 114.....Moth.
" " " 115.....Mud.
Finials No. 153.....Race.
" " 154.....Rake.
" " 155.....Rat.
" " 156.....Rain.
" " 157.....Red.
" " 161, 3 feet high.....Rhyme.
" " 161, 4 feet high.....Rub.
" " 162.....Rattle.
" " 163.....Rash.
" " 164.....Reach.
" " 165.....Roar.
" " 166.....Real.
" " 167.....Reason.
" " 168.....Record.
" " 169.....Refer.
" " 170.....Regard.
" " 171.....Remit.
" " 172.....Ring.
Weather Vane complete, No. 173..Salt.
" " " " 174..Sand.
" " " " 175..Save.
" " " " 176..Sash.
" " " " 177..Such.
" " " " 178..Sail.
" " " " 179..Seed.
" " " " 180..Scar.
" " " " 181..Seam.
Weather Vane, complete, No. 182, 2 feet long.....Sky.
Weather Vane complete, No. 182, 2½ feet long.....Soap.
Monarch Ventilator, No. 1.....Sight.
" " " 2.....Signal.
" " " 3.....Silver.
" " " 4.....Simple.
" " " 5.....Sick.

In ordering state whether Round or Octagon is wanted.

The Ludwig Patent Chimney Top..Smoke.
Power's Chimney Top.....Sun.
Pancost Ventilators.....Sing.
Wire price Car Load.....Table.
" " Less Car Load.....Tack.
Ship today by freight.....Tag.
" " " Express.....Take.
How soon can you ship.....Talk.
Wire tracer after last shipment....Tar.
Skylight, No. 400.....Wade.
" " 401.....Wag.
" " 402.....Wail.
" " 403.....Wait.
" " 404.....Wake.
" " 405.....Wall.
" " 406.....War.
" " 407.....Wash.

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